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MAINTENANCE OF SUPPLIES AND EQUIPMENT

DEPOT MAINTENANCE WORK ORDERING AND REPORTING

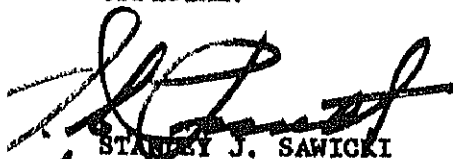
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CHAPTER 1

GENERAL

1. Purpose. This regulation prescribes methods to be used for planning, programing, scheduling, authorizing, and reporting required to implement a single system for managing certain depot maintenance operations.

2. Scope. This regulation applies to all U. S. Army Materiel Command (AMC) major subordinate commands, project managers, depot maintenance activities, and those installations and activities reporting directly to Headquarters, AMC for:

a. Planning, programing, scheduling, and authorizing in budget activities 23A through K (except for 23K01930, 23K01940, and 23K01950) and authorization of all portions of 23L0 performed by the depot maintenance activities.

b. Reporting of all BP (budget program) 2300 and Army Industrial Fund (AIF) activities (AR 37-55).

3. Responsibilities. a. The Chief, AMC Logistic Systems Support Center, Letterkenny Army Depot, will be responsible for the maintenance and continued development of this regulation.

b. All AMC installations are encouraged to recommend changes and/or additions to this regulation. Such recommendations should be prepared in draft form with reference to the applicable portion to be changed and/or added, accompanied by reason for the desired change and/or addition. Recommendations will be forwarded to the Commanding General, AMC,
ATTN: AMCMS-E

4. Summary of actions desired. a. Repair parts support. The Army Materiel Plan (AMP) is considered by the Department of the Army to be a valid basis for developing depot maintenance parts requirements. This policy will be implemented in AR 710-45 to insure that maximum supply support of depot maintenance programs is effected. Based upon this policy, maintenance will not be programed unless parts are on hand or are ordered with sufficient procurement lead-time to insure availability at the depot shops or contractor plants in time to meet program schedules.

b. Program planning and execution.

(1) During the work and resources planning process, which extends from 14 months through 1 month prior to the target year, planning, authorizing, and reporting

documents are used to express and interchange work and resources plans at the field level. Using these documents and conference techniques, AMC and field elements formulate preliminary plans and exchange initial estimates regarding the planned workload and potential resources. As firmer guidance becomes available in terms of direct Army, Military Sales, and other customer workloads, these plans are progressively refined and finally translated into AMC objectives for effective mission accomplishment.

(2) Approved line items stated in the AMP are identified by Federal stock number (FSN) by the commodity command supply managers as depot maintenance requirements. These requirements for continental United States (CONUS) are documented on AMC Form 1111 (Procurement/Work Directive [P/WD] (Depot Maintenance)) (fig 1). The P/WD also reflects the unserviceable asset position as of a specified date and the recommended maintenance schedule for each depot. Publication of the P/WD's is the second action in the planning cycle which involves 14 time-phased steps. This time-phased planning cycle incorporates the following features:

(a) Statement of supply requirements, priorities, average cost, and other data pertinent to the CONUS program.

(b) Interchange of line item workload plans between AMC, supply managers, and depots.

(c) A program coordinating conference involving AMC, supply managers, Depot Maintenance Control Center (DMCC), and representatives of oversea commands.

(d) Authorization of depot programs 5 months in advance of the target year.

(e) Summarization of the program by activity cost account code at four specified checkpoints.

(f) Provisions for refinement of the target year program through analysis of recommended depot workloads relating to available or anticipated manpower and dollar ceilings.

(3) Authorized target year depot programs are prepared and forwarded to depots approximately 1 February. These authorizations and/or subsequent changes thereto, are the depots' basis for stock leveling repair parts, teardown, and preliminary planning actions necessary to meet production schedules. In addition, these authorizations provide the basis for forecasting the target fiscal year repair parts

requirements to the Command Channel Stock Fund. They also serve as the basis for preparing the depot maintenance portion of the installations' work and resources plan. To insure that the target year workload is compatible with the current AMP and AMP worksheets, final refinement of the program will be accomplished by April which will result in revised work authorizations being issued to the depots. This completes the time-phase planning cycle with complete coordination having been effected between AMC, DMCC, and supply managers.

(4) Detailed control of depot maintenance operations by AMC is accomplished by means of AMC Form 1112 (Work Authorization [WA]). Work authorizations are issued by the DMCC and are either "accepted" by the maintenance activity as an agreement to complete the work within available resources, or are "marked up" (changed) by the depot and returned to the DMCC. These marked up authorizations then become the subject of negotiation between the maintenance activity, DMCC, and the supply manager. Maintenance activities may initiate a work authorization as a "proposal" to change a program or to undertake additional work which may become available. The maintenance activity may negotiate an unprogramed workload but must obtain approval of DMCC before starting work or otherwise committing maintenance resources.

(5) A monthly program status report (PSR) is furnished by each maintenance activity performing work covered by: **AMC Form 1112, interim authorizations issued by phone or teletype, and all work performed by contract,** in order that the program status report reflects current status on all applicable programs. This report, furnished to DMCC, is by line item, FSN, or the lowest subdivision indicated on the work authorization. This report is in two sections: "production data" and "cost data." The "production data" portion reflects the asset position of the item, authorized quantity, completions, schedule information, unit funded cost, and unit direct labor man-hours. The "cost data" portion reflects the total planned cost, unit total cost, cost incurred to date by cost element, work-in-process (WIP) cost, cost of the completed item, acquisition value of authorized quantity and completions, funded cost of on-hand and turn-in quantities scheduled, and direct labor man-hours expended to date. This report is the primary source of information for preparing reports for AMC and higher authority.

c. AMC program control. The Director of Maintenance, AMC, exercises primary program control by means of a series of conferences with the appropriate manager and DMCC as outlined below.

(1) Following receipt of the detail changes resulting from the final formal refinement (step 13, app III) of the depot maintenance program, maintenance activities will submit the first of five work and resources analysis summary reports at detail cost account level. These reports are required to be compatible and reconcilable at all summary cost account levels with summary reports furnished to the AMC Comptroller.

(2) The data submitted are used by Headquarters, AMC, and DMCC to appraise actual performance, forecasts, recommendations of depot commanders, and to furnish guidance regarding proposed revisions to approved orders and decisions on commanders' recommendations.

(3) The initial report is on a planning basis and, in summary terms, depicts the maintenance activities' operational plans and funding requirements for the target year. In addition, it provides DMCC with any over- or under-programing of man-hours. This plan and the following reports for the 1st, 2d, and 3d quarters are marked up by AMC, Director of Maintenance, Headquarters, AMC, and returned to the depot as program guidance.

(4) Markups are made with the active assistance of DMCC which makes necessary line item changes to work authorizations, in coordination with supply managers, in order to implement management decisions in terms of maintenance workloads. The DMCC assists in the decision making process by furnishing a detailed analysis of the program and recommendations regarding guidance to be forwarded to the maintenance activity.

(5) These conference markups of target year plans, current year operational costs, and performance summaries are the principal means by which Headquarters, AMC, insures program control.

d. Program adaptation. These procedures are intended to be used with either the punched card machine (PCM) or automatic data processing (ADP) system including the use of automatic digital network (AUTODIN), where available.

5. Definitions. For the purpose of this regulation the following definitions apply:

a. Activity account code. The activity account code, as specified in AR 37-55, consists of a 13 to 16 digit code and is referred to in this regulation as the AMC code.

b. Basic item. A term used to distinguish an end item of equipment from components, accessories, assemblies, subassemblies (e.g., an M60 tank (including components and assemblies of the tank as a Weapons System) which is overhauled to meet the supply requirements of an M60 tank as opposed to engines, assemblies, and components of the M60 tank which are overhauled to meet established supply requirements for the components).

c. Commodity groups. A group of homogeneous items of materiel as depicted by the Department of Defense Supply Cataloging System (e.g., portable machine tools (FSC [Federal supply classification] 3450), miscellaneous office machines (FSC 7490)) which cannot be classified as Weapons/Support System (W/SS).

d. Completed item. Items of equipment (including basic or end items, components, assemblies, etc.) which have been overhauled, modified, renovated, etc., and completed in accordance with terms of contracts, project orders, or other work directives and authorizations, and are ready for intended use after receiving final acceptance inspection. Also, a completed item is that equipment which has been released by the depot maintenance activity or contractor to the ordering agency or customer, and costs of which have been included in the report regardless of the time invoices or billings are issued or received.

e. Contract depot maintenance. That depot maintenance performed under contract with private industry including Government-owned, contractor-operated (GOCO) maintenance facilities, or by one military department in support of another military department or agency, e.g., maintenance performed on Army equipment in Air Force facilities under cross-service maintenance. Includes work performed under contracts (including 520-type contracts) negotiated by individual maintenance activities, if any, as well as, contracts awarded by major subordinate commands. Also, includes other contract maintenance support services, such as maintenance engineering or contract technical representatives. Excludes contractual services as defined in f below.

f. Contractual services. Services required by the maintenance activities incidental to performing organic maintenance, e.g., if during the overhaul of a basic item, it is necessary to have a component repaired locally and returned for installation on the basic item. The cost incurred will be charged to the job order as contractual services and not as contract maintenance.

g. Current year. The fiscal year presently in execution.

h. Depot maintenance. Maintenance which is the responsibility of, and performed by, designated maintenance activities, to augment stocks of serviceable materiel and to support organizational maintenance and intermediate maintenance activities by the use of more extensive shop facilities, equipment, and personnel of higher technical skill than are available at lower levels of maintenance. It normally consists of one or more of the following functions: inspection, testing, repairing, modification, alteration, modernization, conversion, overhauling, reclamation; or rebuild of parts, assemblies, subassemblies, components, and end items; the emergency manufacture of nonavailable parts, and providing technical assistance to using activities and intermediate maintenance organizations. Depot maintenance is usually accomplished in fixed shops. The term "depot maintenance" encompasses the maintenance terms of rehabilitation, depot 5th echelon, O&R (overhaul and repair), regular overhaul, renovation, and progressive maintenance.

i. Depot Maintenance Control Center (DMCC). See AMCR 10-34.

j. Level of effort. Maintenance requirements (hardware or man-hours) which cannot be quantitatively and/or descriptively identified, but are known because of past experience.

k. Maintenance managers. Director of Maintenance Headquarters, AMC, and DMCC personnel.

l. Organic depot maintenance. Depot maintenance performed in Department of the Army facilities to include maintenance performed on site or in the field when services of depot maintenance personnel are required; also, includes maintenance support services provided by the Department of the Army personnel.

m. Supply managers. Managers of retail stocks who process requisitions to satisfy customer demands, conduct supply studies, and develop total item requirements. The supply managers referred to in this regulation are those operating elements who develop the item maintenance requirements.

n. Support System. An instrument used to aid, assist, or complement a Weapons System or tactical elements under combat conditions, e.g., bulldozer, M151 truck LCU 501, and 1466 landing craft.

o. Target year. The fiscal year to begin on 1 July following the current year.

p. Weapons System. An instrument of combat, either offensive or defensive, used to destroy, injure, defeat, or threaten the enemy. It consists of a total entity of an instrument of combat (any single combat instrument that incorporates in itself a complex assembly of functional parts), e.g., M60 tank, Hawk Missile System, M14 rifle.

6. Classification of documents. a. All documents used in this regulation will normally be unclassified. Documents which pertain to nuclear weapons and nuclear weapons materiel will be classified in accordance with AR 700-65 (FOUO) and Extract-Joint US/UK Nuclear Weapons Classification Guide, AMC, May 1963.¹ Classified documents will be safeguarded in accordance with AR 380-5.

b. All documents used in this regulation pertaining to classified nuclear weapons and nuclear weapons materiel will be processed by FSN but minus the nomenclature on both hard copies and punched cards. Hard copies and punched cards transmitted minus the nomenclature and serial number will not be classified.

7. Effective date. These instructions are effective upon publication.

¹ This document, if required, may be obtained from CG, USAMC, ATTN: AMCSS-I.

CHAPTER 2

PLANNING TARGET YEAR WORKLOAD

Section I

INTRODUCTION

8. Purpose. The purpose of this chapter is to provide for optimum planning of target year workload for depot maintenance activities in the interest of:

a. Assuring compatibility between the authorized workload and planned availability of resources.

b. Providing for coordination between maintenance managers and supply managers to insure validity of quantitative maintenance requirements and adequacy of repair parts support.

c. Establishing United States Army Materiel Command (AMC) "organic" and commodity command "national contract" maintenance objectives as soon as possible.

Section II

TIME PHASED PLANNING ACTIONS
(Reference appendix III.)

9. Time phased planning steps. a. Step 1--Program and Budget Guidance. The AMC will furnish each supply manager, national inventory control point (NICP), and Depot Maintenance Control Center (DMCC) with the latest program and budget guidance.

b. Step 2--Requirement Input. Major and secondary item depot maintenance requirements will be initiated by each supply manager and submitted to DMCC, using AMC Form 1111 (Procurement/Work Directive [P/WD]) (fig 1) and cards.

c. Step 3--Initial Program Development. Upon receipt of the P/WD, DMCC will develop individual AMC Forms 1121 (Depot Master Plans) (fig 6) and transmit to each depot maintenance activity planned to accomplish work during the target fiscal year. Developing the depot master plan may result in changes to block 26 of the P/WD or the supply manager's recommended depot schedule.

d. Step 4--Summary (Planning) Report. Based upon the initial P/WD's and the depot master plan, DMCC will prepare and forward an AMC Form 1122 (Summary (Planning) Report) to the Commanding General, AMC, ATTN: AMCMA-DP.

e. Step 5--Depot Mark Up of Master Plan. Maintenance activities will analyze the plan, determine the ability to accomplish the work, and return the markup to Chief, DMCC.

f. Step 6--Summary (Planning) Report. Based on the marked up depot master plans, DMCC will prepare and forward an updated summary (planning) report to the Commanding General, AMC, ATTN: AMCMA-DP.

g. Step 7--Tentative Depot Maintenance Plan. DMCC will prepare an AMC Form 1120 (Tentative Depot Maintenance Plan) reflecting the results of the depot markup and forward to each applicable supply manager to be used to record conference actions.

h. Step 8--Program Coordinating Conference. This conference is held to bring supply and maintenance managers together for the purpose of reviewing and, as applicable, updating maintenance requirements; analyzing the maintenance activities' mark up of workloads and performing staff mark up of workload projections. Based on these actions, a firm maintenance workload is established and provided to the NICP representatives. Supply managers will make necessary revisions to the initial P/WD's as a result of the conference actions. Such changes will be forwarded to the Chief, DMCC, within 10 workdays following conclusion of the conference.

i. Step 9--Summary (Planning) Report. Based upon agreements reached and documented (markup of tentative depot maintenance plan) during the program coordinating conference, DMCC will prepare and forward a summary (planning) report to Commanding General, AMC, ATTN: AMCMA-DP.

j. Step 10--Work Authorization. DMCC will prepare the initial AMC Forms 1112 (Work Authorizations) (fig. 13) and will forward the work authorizations to each applicable depot maintenance activity.

k. Step 11--Updating Priorities. Supply managers will establish priorities by PRON (procurement request order number) and FSN (Federal stock number) using maintenance accomplishment priorities shown in appendix II. Punched card machine (PCM) cards will be transcribed by 1 March to DMCC for target year 1st quarter requirements. At this time consideration will be given to program "carry over from current year." The updating requirements and alignment of

priorities are mandatory and will be employed for each of the remaining succeeding quarters during the current year, i.e. 1 June, September, and December (implementation of updating priorities will be effective for Fiscal Year (FY) 68 Planning).

l. Step 12--Updated Requirements. Based upon current Army Materiel Plans (AMP's), latest supply control study changes, and revised program guidance, supply managers will prepare initial P/WD's and amendments to P/WD's previously submitted to reflect these new requirements and planned overhaul quantities within funding guidance.

m. Step 13--Revised Work Authorizations. DMCC will prepare work authorizations to reflect changes generated in l above and will forward the work authorizations to the applicable depot maintenance activities.

n. Step 14--Final Summary (Planning) Report. Based upon requirement changes in l above, DMCC will prepare and forward a summary (planning) report to the Commanding General, AMX ATTN: AMCMA-DP.

Section III

PROCUREMENT/WORK DIRECTIVE (P/WD) (Exempt reports control--paragraph 39a, AR 335-15.)

10. Introduction. a. Purpose. This section prescribes the form to be used, preparation, and procedures to be followed by supply managers and DMCC for disseminating data relating to total maintenance requirements or services as specified in paragraph 2.

b. Scope. These instructions require preparing and using the P/WD for submission of organic and contractual maintenance requirements or services to the DMCC.

c. General.

(1) The procurement of repair parts necessary to support maintenance programs will be initiated, based upon the current AMP, during the planning year. This action will be taken by the supply managers, and is to include all repair parts required, regardless of the NICP or Army Class Management Activity (ACMA) with inventory control of the required repair parts. Coordination between supply managers is the responsibility of the supply manager managing the basic item, components, and accessories. Supply managers will continually review maintenance requirements furnished on P/WD's to insure repair parts support will be available when required. In the event the supply manager cannot obtain the

repair parts required the planned overhaul quantity of the P/WD will be reduced in order that materiel of a lower priority may be workloaded into the depots. P/WD's will be accepted by the DMCC with the assumption that repair parts will be available when required.

(2) Turn-in schedules agreed upon at the coordinating conferences, marked up by DMCC with the supply manager's knowledge and consent, and stated on P/WD's, constitute a schedule of distribution for unserviceable returns that is mandatory for use by both the supply managers and DMCC. Mutual agreement will be reached on subsequent changes.

(3) Review of turn-in forecasts will be accomplished 90 days prior to the start of the execution quarter by the supply managers, DMCC, and Headquarters, AMC, (Dir/Maint). The purpose of this action is to insure timely updating and changes to the P/WD's and work authorization when actual rate of turn-ins and other factors do not justify retention and continued BP 2300 funding of originally programmed items. Action will be taken by the supply managers to expedite turn-ins of unserviceable repairable assets. When the field does not react to expediting actions by the supply managers, the problem will be referred to AMC or higher authority for action.

(4) Supply managers will coordinate with the national maintenance points (NMP's) to insure that maintenance standards are made available to maintenance activities at the time P/WD's are initiated. The NMP will provide the supply managers with identification of the standards package to insure perpetuation of such identification in the P/WD. Absence of maintenance standards identification will require coordination between the DMCC and supply managers.

(5) There may be extreme emergencies when, because of communication failure, DMCC cannot be contacted. In such instances, supply managers may place a work order directly on the maintenance facility if delay will create an adverse materiel readiness posture for the requisitioner. Should direct contact be required, a P/WD will be forwarded to DMCC within 24 hours.

d. Report form, AMC Form 1111 (Procurement/Work Directive) (fig 1) and punched card layouts (fig 2-5).

e. Prepared by. This documentation is prepared by supply managers and submitted to the Chief, DMCC.

f. Frequency, routing, and due date. Supply managers, with the exception of the United States Army Ammunition Procurement and Supply Agency (USAAPSA) and the AMC Ammunition Center, will forward two copies of all P/WD's to the Chief, DMCC, to arrive on or before 1 October of each year for target year requirements; USAAPSA and the AMC Ammunition Center will forward three copies of the P/WD's to DMCC. Subsequent to this period, additional initial and/or amended P/WD's which generate and relate to the target year will not be forwarded to DMCC prior to the program coordinating conference (para 9h). Additional amendments to current year P/WD's may be forwarded as they occur; however, it is recommended that, as a minimum, weekly or semimonthly submission be made to reduce the volume of changes. Upon receipt of a work authorization proposal the maintenance manager will notify the appropriate supply manager who will take necessary action and respond to the Chief, DMCC, within 7 workdays.

Note. All submission of hard copy P/WD's must be accompanied by applicable punched card machine (PCM) cards.

11. General instructions. Data contained in the P/WD will be specific, both as to the work encompassed by the order and the terms of the order itself, and, accordingly will include the necessary special instructions of either an administrative or technical nature. Any changes to the required quantity gross or planned (block 24, line 4, colm B or P) will require an amendment to the P/WD. Changes to schedules and/or maintenance activities performing the work (block 26) will not require an amendment but supply managers' records are to be updated from the acceptance copy of the P/WD. All entries specified below are required and must be completed unless an exception is stated in the instructions concerning the specific entry.

12. Special instructions. These instructions set forth special guidance relating to preparing and using the P/WD.

a. All orders for depot maintenance will normally be issued on a single line item basis (FSN). A separate P/WD will be prepared for each FSN, activity account code, and for each Weapons/Support System (W/SS) identifier in the activity account code, if applicable. Once a P/WD has been established and a PRON assigned under the criteria set forth above, any change to the FSN or activity account code (full 15-16 digits for W/SS or 13 digits for commodity group) will require a cancellation of the original and establishment of an initial P/WD with a different PRON. Cataloging changes

resulting in a change in FSN without a change in configuration of the item will not require P/WD action. The FSN shown on the P/WD will continue to be used throughout the maintenance cycle, and completed line items released to supply under the number. Supply personnel will update the stock number under normal stock control procedures.

b. The depot maintenance program planning cycle requires that requirements (orders) be prepared for planning purposes approximately 9 months in advance of the target year. It is required that the majority of the basic items, components, and accessories be identified by FSN as stated in a above. However, various items or commodities of materiel due to their densities, complexities, and interchangeability may be programed as indicated below:

(1) Guided missile materiel managed by the United States Army Missile Command (USAMICOM).

(a) Bulk level-of-effort P/WD's, except missile ammunition, will be applied to those categories of work where many line items are programed for depot maintenance on anticipated returns and expected supply demands. These categories would, primarily, include stock fund and non-stock fund components and accessories for overhaul, repair, modification, inspection and serviceability testing, and fabrication. It is unlikely that bulk level-of-effort P/WD's will be used for basic items of missile materiel except in special cases. In those cases where FSN's are not used for basic items, coordination with DMCC will be accomplished prior to initiating the P/WD.

(b) Prepare a bulk P/WD for the gross and planned requirements with a breakout by the depot maintenance activity included in block 26 (asset distribution and recommended schedule).

(c) Prepare a separate bulk P/WD for each missile system and activity account code to comply with AR 37-55.

(d) As individual FSN items are identified, prepare separate P/WD's by FSN in accordance with instructions contained in paragraph 13. However, in no instances will the line items identified against a bulk P/WD exceed the planned quantity indicated on the bulk P/WD. Bulk level-of-effort P/WD's will be amended to reflect changes in planned funding levels, when the dollar limits of the planned program will be exceeded by the sum of the individual line items identified when additional funding guidance is received from Headquarters, AMC, or when compensating adjustment is made to less

active bulk level-of-effort P/WD's, staying within the total current dollar guidance. Unless there is a major change in total program dollar guidance, bulk P/WD's will be reviewed quarterly for possible adjustments. Revised bulk P/WD's will reflect actual accomplishment for completed quarters and the forecast for the remaining portion of the fiscal year. The 4th quarter review will be accomplished not later than 30 September following the close of the fiscal year with all bulk P/WD's revised to reflect actual accomplishment for the total fiscal year.

(e) The instructions for preparing and using the bulk P/WD's for missile materiel will be identical to the instructions for the basic P/WD (para 13) with the exceptions of block 25 (maintenance accomplishment priority) which will be left blank and block 20 (stock/part number) which will contain an abbreviated description that is applicable to missile systems (11 digits) (i.e., HERCSECBULK, PERSFABBULK).

(2) Electronics and communication equipment managed by the United States Army Electronics Command (USAECOM).

(a) Bulk level-of-effort P/WD's will be applied to those categories of equipment where many line items are programed for depot maintenance on anticipation of returns and expected supply demands. These categories of equipment would be primarily components and accessories for all work accomplishment codes for all customers. Bulk level-of-effort type P/WD's will not be used for basic items of materiel.

(b) A separate bulk level-of-effort P/WD will be prepared for each category of equipment for each customer (01, 21, etc.) and each work accomplishment code, reflecting the gross and planned requirements with a break-out by maintenance activity.

(c) Bulk level-of-effort P/WD's will not be subdivided by W/SS. A double alpha "ZZ" will be indicated in the W/SS portion of the activity account code.

(d) As individual FSN items are identified, prepare separate P/WD's by FSN in accordance with instructions contained in paragraph 13. However, in no instances will the line items identified against a bulk P/WD exceed the planned quantity indicated on the bulk. Bulk level-of-effort P/WD's will be amended to reflect changes in planned funding levels

when the dollar limits of the planned program will be exceeded by the sum of the individual line items identified, when additional funding guidance is received from Headquarters, AMC, or when compensating adjustments are made to less active bulk level-of-effort P/WD's, staying within the total current dollar guidance. Unless there is a major change in total program dollar guidance, bulk P/WD's will be reviewed quarterly for possible adjustments. Revised bulk P/WD's will reflect actual accomplishment for completed quarters and the forecast for the remaining portion of the fiscal year. The 4th quarter review will be accomplished not later than 30 September following the close of the fiscal year with all bulk P/WD's revised to reflect actual accomplishment for the total fiscal year.

(e) The initial submission of a target year program will contain, in addition to the bulk level-of-effort P/WD's, line item P/WD's for at least 50 percent of the total fiscal year program. The sum of all bulk P/WD's will be within the funding guidance, therefore, the identified P/WD's will be a portion of the total bulk with the balance to be identified as the materiel becomes available.

(f) The instructions for preparing and using the bulk P/WD's will be identical to the instructions for the basic P/WD (para 13) with the exception of block 25 (maintenance accomplishment priority) which will be left blank.

(3) Special weapons materiel managed by USAAPSA.

(a) Due to the peculiarity of special weapons materiel bulk level-of-effort P/WD's will be applied to this category of equipment.

(b) A separate bulk level-of-effort P/WD will be prepared for each applicable activity account code, for each customer, each work accomplishment code, and for each Weapons System.

(c) As individual FSN items are identified, prepare separate P/WD's in accordance with instructions in paragraph 13. However, in no instances will the line items identified against a bulk P/WD exceed the planned quantity indicated on the bulk P/WD. Bulk level-of-effort P/WD's will be amended to reflect changes in planned funding levels, when the dollar limits of the planned program will be exceeded by the sum of the individual line items identified, when

additional funding guidance is received from Headquarters, AMC, or when compensating adjustment is made to less active bulk level-of-effort P/WD's, staying within the total funding guidance. Unless there is a major change in total program dollar guidance, bulk P/WD's will be reviewed quarterly for possible adjustments. Revised bulk P/WD's will reflect actual accomplishment for completed quarters and forecasts for the remaining portion of the fiscal year. The 4th quarter review will be accomplished not later than 30 September following the close of the fiscal year with all bulk P/WD's revised to reflect actual accomplishment for the fiscal year.

(d) The initial submission of a target year program will contain, in addition to the bulk level-of-effort P/WD's identified line item P/WD's for all firm requirements, i.e., mandatory directed modifications, directed turn-ins, etc., and for all on-hand assets for which a requirement exists. In any event at a minimum, the 1st quarter workload will be identified by FSN. The sum of all bulk level-of-effort P/WD's will be within the funding guidance; therefore, the identified P/WD's will be a portion of the total bulk with the balance to be identified as the materiel becomes available.

(e) The instructions for preparing and using the bulk P/WD's will be identical to the instructions for the basic P/WD (para 13) with the exception of block 25 (maintenance accomplishment priority) which will be left blank and the special instructions regarding classification as reflected in paragraph 6.

c. The entries made by the supply managers in block 26, regarding the recommended maintenance activities workload and schedule, will be reviewed by DMCC prior to preparing the depot maintenance plans or issuance of work authorizations. DMCC will insure that all maintenance activities have a balanced workload within their available resources. DMCC may realine a specific activity's recommended workload or schedule, and such realinement will not require amendments to the P/WD unless the total quantity scheduled differs from the planned overhaul quantity. During the planning cycle for target year programs (steps 1-7 of the time phased planning chart), DMCC will coordinate the workload or schedule changes with the supply managers. Action taken regarding the P/WD's, following step 8 of the time phased planning chart, will be mailed to the supply managers by a mark up of the P/WD by DMCC. DMCC will mark up one copy of the P/WD to reflect any workload or schedule changes or to indicate nonacceptance of the P/WD within 10 workdays after receipt of both hard copy and input media (cards).

In addition to marked up P/WD's, DMCC will prepare cards reflecting workload and scheduling changes and forward to the supply manager to be used in aligning the supply manager's data file.

Note. In the event that hard copy and input media are not received simultaneously, the DMCC's 10 workday time frame begins with the receipt of whichever input is received last.

13. Preparation instructions. a. Basic P/WD (AMC Form 1111, fig. 1). The following instructions apply to the entries to be made in each column or block of the P/WD. See paragraph 14 for instructions for preparing PCM cards.

(1) Block 1--Transmittal Control Number. This control number is comprised of three elements, recipients installation code (two positions), calendar month (two positions), and sequential message number for the calendar month (three positions).

Note. See chapter 7, AMCR 11-15 for constructing and using transmittal control numbers. This entry will be used at the discretion of the supply manager.

(2) Block 2--Page of Pages. Self-explanatory.

(3) Block 3--Priority. Leave blank.

(4) Block 4--To. Enter the address of DMCC followed by the office symbol of the applicable division in DMCC.

(5) Block 5--Approved By. Enter the name and title of the approving individual issuing the P/WD.

(6) Block 6--Date. Record in this space the four-digit Julian date of the asset report used in entering on-hand asset information.

(7) Block 7--From. Enter the address of the buyer (supply manager) followed by the office symbol.

(8) Block 8--Authorized By. Enter the name and title of the authorized person issuing the P/WD.

(9) Block 9--Date. Enter the date the order was authorized.

(10) Block 10--Project Number/Category Code. No entry required, leave blank.

(11) Block 11--AMC Title/Item Nomenclature.
Enter a brief description of the item required from maintenance or the item noun.

(12) Block 12--PRON. The buyer (supply manager) will enter the 14-position PRON assigned in accordance with section IV, AMCR 11-2 and paragraph 57 of this regulation. Each buyer will insure that his station code appears in positions 11 and 12 and the seller's (DMCC) station code (JM) in positions 13 and 14.

(13) Block 13--AMC Code. Enter the applicable activity cost account code as set forth in AR 37-55 to include the W/SS code, as applicable, in positions 14 through 16. All orders which fall within the W/SS category must have a two-or three-digit identification code on file at DMCC. If the code is omitted or not previously submitted to DMCC in accordance with chapter 9, AR 37-55, the P/WD will be returned to the buyer (supply manager) for correction. In the event the item requiring maintenance is not identified to a W/SS and is in the commodity group, the last three digits of the code will be left blank.

(14) Block 14--Accounting Classification. No entry required, leave blank.

(15) Block 15--Date Dispatched. Enter the date the P/WD hard copy, PCM cards, or magnetic tape was released for transmission to DMCC. The complete four-digit Julian date is required.

(16) Blocks 16, 17, 18, and 19. Leave blank.

(17) Block 20--Stock/Part Number. Enter the stock/part number of the item. Maximum length of this entry is 15 digits. In the event the work to be performed is a conversion (WAC C) or causes a change to the Federal stock number, enter the stock number of the item to which it is to be converted.

(18) Block 21--Drawing/Manufacturers' Number. Entry will be made in this block only if the stock/part number, block 20, is not sufficient identification. Entry, if made, is limited to 22 digits.

(19) Block 22--Serial Number. Enter, when applicable, the serial number to further identify the item. Entry, if made, is limited to 20 digits.

(20) Block 23--Unit Standard Price. Enter the latest cost shown in the supply catalog, acquisition cost, or best engineered cost estimate. Entry, limited to nine digits, will be shown in dollars only.

(21) Block 24--Quantitative and Change Data. Entries for all items will represent the total net capability as reflected in the OMA (operation and maintenance, Army) portion of the AMP or the total net requirement from supply control studies. Lines to be used as follows:

(a) Line 1--Prior. Entry must be made each time an amendment is issued. Entry will reflect the data entered on line 4 of the previous P/WD. Enter a zero on the initial P/WD.

(b) Line 2--Increase. This line is designed to reflect the actual increased quantity above the previous P/WD. This line must be completed on initial P/WD's to reflect the total requirement or the quantity reflected on the current line.

(c) Line 3--Decrease. This line is designed to reflect the actual quantitative decrease from the previous P/WD. There must always be an entry on the "prior" line, line 1, when an entry is made on this line.

(d) Line 4--Current. Enter the total net requirement. This line must be the sum of lines 1 and 2 or the difference between lines 1 and 3.

(22) Block 24--U/M (Unit of Measure), Column A. On orders for materiel, this column must be filled in with a two-position abbreviation of the unit of measure applicable to the item (e.g., EA--each, TH--thousands). Whenever the unit of measure is other than "each," all quantitative entries (e.g., unit cost, quantities, unit standard price) will be based on the applicable unit of measure.

Note. The use of 10,000, etc., is required, as applicable, to keep the quantitative entry in block 24B from exceeding 5 digits, i.e., 99999.

(23) Block 24--Quantity, Column B. For basic items (WAC A-F-1) this column will reflect the total net requirements for continental United States (CONUS) as reflected in the net capability column of the Army Materiel Plan (AMP) for United States Army requirements. For Military Assistance Programs and reimbursable requirements, enter from the appropriate column of AMP or other source document i.e., Military Interdepartmental Purchase Request (MIPR),

Inter- and intraservice support agreements. For components and accessories, enter the total net requirement from current supply control studies. The summarization of P/WD requirements for components and accessories by Weapon/Support System or commodity group must be compatible with entries in the current AMP. For all other work accomplishment codes enter the total net requirements from the AMP or supply control studies. An entry in this column must be identical to the entry on the source document or fully justified in the narrative.

(24) Block 24--Unit cost, Column C. Enter the total (funded and unfunded) cost to restore one unit of the item in column B to a serviceable condition. This unit cost will be the latest average unit cost published in TB 9-30 or when not listed in TB 9-30, the unit cost which was used in preparing the AMP or supply control studies as developed by the commodity command through technical evaluation. Cost will be reflected to the nearest penny.

(25) Block 24--Total Cost, Column D. Enter the total cost, funded and unfunded, required to restore the quantity entered in column B to a serviceable condition (col B X colm C = colm D). Cost will be reflected to the nearest dollar.

(26) Lines 1 through 4--Planned Overhaul Quantity. These lines are used in the same manner as in (21) above.

(27) Block 24--U/M (Unit of Measure), Column E. Enter identical information as reflected in column A ((22) above).

(28) Block 24--Quantity, Column F. Enter for all items that portion of the quantity reflected in column E (P/WD) which is planned to be accomplished within the funding capability, or manpower limitation of CONUS installations and or by contract. This quantity for "basic items" WAC A, F, and I will be compatible with the appropriate quantity reflected in the AMP, DA Form 2624-3. For components and accessories, United States Army, the summarization of P/WD's by W/SS will be compatible with the entry in the AMP for WAC's A and I. Entries in this column, which are not reconcilable with source documents, must be fully justified in the narrative section (block 27). The quantity entered in this column will not exceed the quantity entered in column B.

(29) Block 24--On Hand, Column G. Enter the total on-hand unserviceable assets physically located at all CONUS maintenance activities which may be used to fill the requirement as stated on the P/WD. Asset availability data will be as of the date indicated in block 6 ((6) above).

(30) Block 24--Turn-ins to 30 June, Column H. Enter the quantity of unserviceable assets anticipated to be on hand and available for programing to fill requirements of the P/WD by 30 June. Include only those turn-ins, which will be available, indicated in the PRON to be completed during the fiscal year; do not include turn-ins which are planned for completion during the previous year.

(31) Block 24--Turn-ins PRON FY (Fiscal Year), Column I. Enter the quantity of unserviceable assets anticipated to be turned in during the fiscal year indicated in the PRON Fiscal year to fill the requirement of the P/WD considering maintenance leadtime.

(32) Block 24--Unit Funded Cost, Column J. Enter the total funded cost required to restore one unit of the item to a serviceable condition. Unit funded cost will be taken from the latest average unit cost published in TB 9-30 or when not listed in TB 9-30, the unit cost which was used in preparing the AMP or supply control studies as developed by the commodity command through technical evaluation. Cost will be reflected to the nearest penny.

(33) Block 24--Total Funded Cost, Column K. Enter the total funded cost required to restore the quantity reflected in column F to a serviceable condition (colm J X colm F = colm K). Cost will be reflected to the nearest dollar.

(34) Block 25--Maintenance Accomplishment Priority. Enter, for each applicable priority, the appropriate quantity. (See appendix II for explanation of priorities.)

(35) Block 26--Maintenance Activity. Enter the appropriate two-digit installation identification code (AMCR 11-2) for each CONUS installation having an inventory of unserviceable reparable assets available to fill the requirement of the P/WD and each CONUS installation at which the supply manager recommends that the maintenance be performed.

(36) Block 26--On Hand, Column P. Enter, for each maintenance activity indicated in the preceding column, the actual unserviceable reparable assets, physically located on that installation, which are available to fill the requirements of the P/WD. Asset data will be as of the date

indicated in block 6. On-hand unserviceable asset data will be updated when amendments to P/WD's are generated.

(37) Block 26--Total Scheduled, Column Q. Enter the supply manager's recommended quantity to be accomplished by each maintenance activity. This entry will reflect both on hand and anticipated turn-ins. The sum of all entries in this column must be equal to the quantity reflected as planned overhaul (colm F, block 24). In addition, the quantity entered in this column, for each maintenance activity, will be the sum of the quantities entered in columns R, T, V, and X for that activity.

(38) Block 26--Scheduled 1st Quarter, Column R. Enter, for each applicable maintenance activity, the supply manager's recommended quantity to be completed during the 1st quarter.

(39) Block 26--Turn-in 1st Quarter, Column S. Enter, for each applicable maintenance activity, that portion of the quantity recommended for completion in the 1st quarter, column R, that is not physically located at the maintenance activity as of the date indicated in block 6 ((6 above).

(40) Block 26--Scheduled 2d Quarter, Column T. Enter, for each applicable maintenance activity, the supply manager's recommended quantity to be completed during the 2d quarter.

(41) Block 26--Turn-in 2d Quarter, Column U. Enter, for each applicable maintenance activity, that portion of the quantity recommended for completion in the 2d quarter, column T, that is not physically located at the maintenance activity as of the date indicated in block 6 ((6 above).

(42) Block 26--Scheduled 3d Quarter, Column V. Enter, for each applicable maintenance activity, the supply manager's recommended quantity to be completed during the 3d quarter.

(43) Block 26--Turn-in 3d Quarter, Column W. Enter, for each applicable maintenance activity, that portion of the quantity recommended for completion in the 3d quarter, column V, that is not physically located at the maintenance activity as of the date indicated in block 6 ((6 above).

(44) Block 26--Scheduled 4th Quarter, Column X. Enter, for each applicable maintenance activity, the supply manager's recommended quantity to be completed during the 4th quarter.

(45) Block 26--Turn-ins 4th Quarter, Column Y. Enter, for each applicable maintenance activity, that portion of the quantity recommended for completion in the 4th quarter, column X, that is not physically located at the maintenance activity as of the date indicated in block 6 ((6) above). For amended P/WD's, past quarters will reflect actual completions.

(46) Block 27--Narrative. Enter in this block data of an administrative or technical nature as it relates to the items required. Maintenance standards package identification will be placed in this block. All deviations from current AMP's or supply control studies will be fully justified. All special instructions, such as, conversion, required/nonrequired special equipment, or modification will be explained. Justify interdepot transfer, if required. The initial submission of P/WD's, in accordance with step 2 of the time phased planning chart, will also contain an impact statement, as applicable to the unfinanced (or the difference between the gross and planned overhaul) requirements as it may affect the materiel readiness posture. Narrative statements will also be made regarding mandatory due dates of when materiel is required to meet shipping schedules mainly to Military Sales recipients. In addition, all orders for Military Sales will identify the quantity by recipient country code in the narrative. When the requirement, or any portion thereof, is a result of a demand placed upon the supply system through requisition action, the statement will include the issue priority designators (IPD's) and the specific quantitative requirements against the IPD's. International logistics and interservice support requirements will cite the IPD's, where applicable, and/or required delivery schedule. The commodity manager will cite the Army type classification code.

b. All P/WD's forwarded to DMCC that are not properly prepared, hard copy, PCM cards, or magnetic tape, will be returned without action to the originator for correction and resubmission.

PROCUREMENT/WORK DIRECTIVE (DEPOT MAINTENANCE) AMCR 750-28				1. TRANSMITTAL CONTROL NO.		2. PAGE OF PAGES		3. PRIORITY		
4. TO:				5. APPROVED BY:				6. DATE		
7. FROM:				8. AUTHORIZED BY:				9. DATE		
10. 11. AMC TITLE/ITEM NOMENCLATURE				12. FROM				13. DATE DISP.		
13. AMC CODE		14. ACCOUNTING CLASSIFICATION				15. DATE DISP.				
16. IOS MACHINE CODE		17. TARGET DATE FOR OBLIGATION		18. REPORT CODE		19. TYPE FINANCING				
20. STOCK/PART NO.		21. DRAWING/MFR'S NO.		22. SERIAL NO.		23. UNIT STANDARD PRICE				
24. QUANTITATIVE AND CHANGE DATA GROSS OVERHAUL QUANTITY										
ELEMENTS	U/M	QUANTITY	UNIT COST		TOTAL COST					
1. PRIOR	A	B	C		D					
2. INCREASE										
3. DECREASE										
4. CURRENT										
PLANNED OVERHAUL QUANTITY										
ELEMENTS	U/M	QUANTITY	ON HAND	TURN-IN TO 29 JUNE	TURN-IN PRIOR FY	UNIT FUNDED COST	TOTAL FUNDED COST			
1. PRIOR	E	F	G	H	I	J	K			
2. INCREASE										
3. DECREASE										
4. CURRENT										
25. MAINTENANCE ACCOMPLISHMENT PRIORITY						I	II	III	IV	
						L	M	N	O	
26. ASSET DISTRIBUTION AND RECOMMENDED SCHEDULE										
MAINT ACTV	ON HAND	TOTAL SCHEDULED	FIRST QUARTER		SECOND QUARTER		THIRD QUARTER		FOURTH QUARTER	
			SCHEDULED	TURN-IN	SCHEDULED	TURN-IN	SCHEDULED	TURN-IN	SCHEDULED	TURN-IN
P	Q	R	S	T	U	V	W	X	Y	
27. NARRATIVE										

AMC FORM 1111
1 SEP 66

PREVIOUS EDITION MAY BE USED UNTIL EXHAUSTED.

Figure 1.

14. Master card file data. Key punch a master deck of cards for each P/WD (AMC Form 1111). Enter the following elements of data:

a. FSN header card (fig 2).

<u>Data element</u>	<u>Card columns</u>
Unit of issue/measure	1-2
Catalog price	3-11
Stock/part number (left-justified, punch significant digits only, do not fill with zeros)	12-22
DODAC (Department of Defense Ammunition Code) (ammo only)	23-26
Nomenclature	27-55
Available for local use (AFLU)	56-60
Date (Julian)	61-64
Card code (W1)	65-66
PRON	67-80

b. AMC code header card (fig 3).

<u>Data element</u>	<u>Card columns</u>
AMC code	1-13
Weapons/Support System identification code (if applicable)	14-16
Drawing manufacturer's number (left-justified)	17-31
Serial number (left-justified)	32-46
AFLU	47-60
Date (Julian)	61-64
Card code (W2)	65-66
PRON	67-80

c. Basic detail card (fig 4).

<u>Data element</u>	<u>Card column</u>
Field count (number of fields used) (see note below)	1
Field 1 (see note below)	
Line No. (see para 15 below)	2
Column code (see para 15 below)	3
Quantitative entry (entire field must be filled in, precede with zeros, right-justified)	4-12
Fields 2 through 5 (see note below)	
AFLU	13-56
	57-58
Depot code (entry will be made for column codes P through Y only, all other leave blank)	59-60
Date (Julian)	
Card code (W3)	61-64
PRON	65-66
	67-80

Note. The basic detail card allows for submitting five elements of data by using the five fields. In preparing this card, fields 2 through 5 may be left blank, if not required. Entries will be made from left to right.

d. Narrative card format (fig 5).

<u>Narrative card data element</u>	<u>Card columns</u>
Narrative card sequence code	1-2
Narrative (left-justified)	
Depot*	3-58
Date (Julian)	59-60
Card code (W4)	61-64
PRON	65-66
	67-80

*If narrative applies to all depots, leave blank.

Note. Narrative cards will be sequenced within depot and will be sequenced alphabetically "AA" through "AP," no more than 16 cards per depot. A separate set of narrative cards must be supplied for each applicable depot unless the same narrative applies to all depots. In the event the same narrative applies to all depots, one set (16 cards) will be submitted and the depot code (card colm 59-60) will be left blank.

15. Line and column codes. a. The numerical codes below indicate a line on the P/WD, while the alphabetic code indicates a column on the P/WD. A combination of these two types of codes indicates a specific entry on the P/WD. For example, combining codes 4 and B will identify the current overhaul quantity.

<u>Line codes (card colm 2, 13, 24, 35, and 46)</u>	<u>Line description</u>
1	Prior
2	Increase
3	Decrease
4	Current

Note. Submission of cards to DMCC need only be for the current line. Other lines need not be submitted.

<u>Line codes (card colm 3, 14, 25, 36, and 47)</u>	<u>Column description</u>
B	Gross overhaul quantity
C	Gross overhaul unit total cost
D	Gross overhaul total cost
E	Plan overhaul unit/measure
F	Plan overhaul quantity
G	On-hand quantity
H	Turn-in to 30 June
I	Turn-in PRON FY
J	Unit funded cost

AMCR 750-28

AM

Line codes (card colm
3, 14, 25, 36, and 47)

Column description

	K	Total funded cost
Fi	L	Maintenance priority I
nc	M	Maintenance priority II
	N	Maintenance priority III
Fj	O	Maintenance priority IV
	P	On hand
	Q	Total scheduled
F	R	1st quarter scheduled
/	* S	1st quarter turn-in
J	T	2d quarter scheduled
	* U	2d quarter turn-in
	V	3d quarter scheduled
	* W	3d quarter turn-in
	X	4th quarter scheduled
	* Y	4th quarter turn-in

*Note. Column codes annotated with an asterisk need be used when there is no quantitative entry.

b. A record is established at DMCC based upon the FSN header card (card colm 12-22 (FSN) and card colm 23-26 (DODAC) (ammo only)); the AMC code header card (card colm 1-13 (AMC code) and card colm 14-16 (W/SS code); and the PRON of all cards (card colm 67-80). Any change in any of these elements, except the amendment number in the PRON, will establish a new record at DMCC. Once a record has been established at DMCC all elements of data for each line and column code will remain in the record unless changed by input media or an amendment to the P/WD. To cancel a P/WD all previously submitted data (line and column codes) must be zeroed out to remove the record.

[illegible]

BASIC DETAIL CARD P/WB									
FIELD COUNT	FIELD 1 QTY	FIELD 2 QTY	FIELD 3 QTY	FIELD 4 QTY	FIELD 5 QTY	DEPOT	DATE	PRON	
1	LC	LC	LC	LC	LC				
2	IO	IO	IO	IO	IO				
3	NE	NE	NE	NE	NE				
4	LU	LU	LU	LU	LU				
5	NN	NN	NN	NN	NN				
6	NO	NO	NO	NO	NO				
7	CODE	CODE	CODE	CODE	CODE				
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Figure 4 .

SEQUENCE CODE		NARRATIVE		NARRATIVE CARD FORMAT		P/WD		DATE		C A R D C O O D E N		PRON	
99	99	NARRATIVE											
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96	97	98
99	99	NARRATIVE											

Figure 5.

Section IV

DEPOT MASTER PLAN (DMP)

(Exempt reports control -- paragraph 39y, AR 335-15)

16. Introduction. a. Purpose. The depot master plan is used to exchange essential management planning data for developing the target fiscal year program between DMCC and the depot maintenance activities.

b. Scope. This document will reflect, for each CONUS maintenance activity, the planned target year workload.

c. Report form. AMC Form 1121 (Depot Master Plan) (fig 6) will be used to prepare this report (punch card layouts fig 7-10).

d. Prepared by. This document will be prepared by DMCC. It will be marked up and returned to DMCC by the depot maintenance activities.

e. Frequency, routing, and due date.

(1) This document will be forwarded, by DMCC, to the head of each applicable maintenance activity annually in accordance with step 3, appendix III.

(2) The marked up copies of this document and those depot master plans originated by the maintenance activity will be forwarded to the Chief, DMCC, by each applicable maintenance activity in accordance with step 5, appendix III.

(3) Three copies of the hard copy print-out will be forwarded to each applicable maintenance activity along with magnetic tape or punched cards prepared in accordance with paragraph 18. Upon completion of the review and markup by the maintenance activities, one hard copy print-out and change cards relating to the mark up will be forwarded to Chief, DMCC. Change cards will also be prepared in accordance with paragraph 18.

17. Preparation instructions. This report is prepared by machine process using data in the planning data file, which consists of P/WD data, any rescheduling actions by the DMCC, and certain data from the program status reports. Following is an explanation of the columnar entries on the report.

a. Block 1--Stock/Part Number. Entry will reflect the FSN of the item for which maintenance is required (block 20, P/WD).

- b. Block 2--PRON. Entry will reflect the PRON assigned by the supply manager (block 12, P/WD) with the exception of the last four positions. Positions 11 and 12 (buyer) will reflect "JM," DMCC's identification code. Positions 13 and 14 will reflect the installation identification code (seller).
- c. Block 3--Item Nomenclature. Entry will reflect a brief description of the item required from maintenance on the item noun.
- d. Block 4--AMC Code. Entry will reflect the applicable activity account code (AR 37-55) including the W/SS code, if applicable (block 13, P/WD).
- e. Block 5--Drawing/Manufacturer's Number. Entry will be used only to further identify the item, if required (block 21, P/WD).
- f. Block 6--Standard Price. Entry will reflect the latest unit standard value of the item or the standard value of the unit of issue, if other than each (block 23, P/WD). Cost will be reflected to the nearest dollar.
- g. Block 7--Total Cost. Entry will reflect the total (funded and unfunded) cost estimated to be required to restore the quantity reflected in column D to a serviceable condition. This entry will be computed by using column C of the cost data portion of the PSR (program status report) multiplied by the quantity in column D of the DMP. In the event the item is not scheduled at the applicable depot during the current year, there will not be a PSR from which to extract the information. In those cases, column C, line 4 of the P/WD will be used in lieu of PSR data. Entry will be reflected in dollars only.

j. Block 9--Unit of Issue. Entry will reflect the two-position abbreviation of the unit of measure (e.g., EA--each, TH--thousands, HN--hundreds) (colm A, line 4, P/WD). Whenever the unit of issue is other than "each," all quantitative entries (e.g., unit cost, unit man-hours, quantity scheduled) will be based on the applicable unit of issue.

k. Column A--Depot. Entry will reflect the maintenance activities two-position identification code.

l. Column B--Unit Man-hours. Entry will reflect the direct labor man-hours estimated to be required to restore one unit of the item to a serviceable condition. (Column W, production data portion of the PSR, if available, if not, entries will be made manually by DMCC and will reflect the national average man-hours.) Entry will be reflected to the nearest hundredths of an hour.

m. Column C--Unit Cost. Entry will reflect the unit funded cost estimated to be required to restore one unit of the item to a serviceable condition. (Column V, production data portion of the PSR, if available, if not, column J, line 4, P/WD.) Entry will be reflected to the nearest penny.

n. Entry between columns C and D will reflect the total funded cost estimated to be required to restore the quantity reflected in column D to a serviceable condition. This entry will be computed by multiplying the entry in column C by the entry in column D.

o. Column D--Total. Entry will reflect the total quantity of the item required from the maintenance activity during the target fiscal year (colm Q, P/WD or as amended by DMCC).

p. Column E--On Hand. Entry will reflect the total on-hand unserviceable reparable assets available for programming to fill the required quantity reflected in column D (colm P, P/WD).

q. Column F--Turn-in. Entry will reflect the projected unserviceable returns which must be generated to complete the required quantity reflected in column D (sum of colm S, U, W, and Y, P/WD or as adjusted by DMCC).

r. Column G--1st Quarter On Hand. Entry will reflect that portion of the quantity scheduled for completion in the 1st quarter which is currently on hand (colm R minus S, P/WD).

s. Column H--1st Quarter Turn-in. Entry will reflect that portion of the quantity scheduled for completion in the 1st quarter which is anticipated to be returned in sufficient time to be completed the 1st quarter (col m S, P/WD).

t. Column I--2d Quarter On Hand. Entry will reflect that portion of the quantity scheduled for completion in the 2d quarter which is currently on hand (col m T minus col m U, P/WD).

u. Column J--2d Quarter Turn-in. Entry will reflect that portion of the quantity scheduled for completion during the 2d quarter which is anticipated to be returned in sufficient time to be completed in the 2d quarter (col m U, P/WD).

v. Column K--3d Quarter On Hand. Entry will reflect that portion of the quantity scheduled for completion in the 3d quarter which is currently on hand (col m V minus col m W, P/WD).

w. Column L--3d Quarter Turn-in. Entry will reflect that portion of the quantity scheduled for completion in the 3d quarter which is anticipated to be returned in sufficient time to be completed in the 3d quarter (col m W, P/WD).

x. Column M--4th Quarter On Hand. Entry will reflect that portion of the quantity scheduled for completion in the 3d quarter which is currently on hand (col m X minus col m Y, P/WD).

y. Column N--4th Quarter Turn-in. Entry will reflect that portion of the quantity scheduled for completion in the 4th quarter which is anticipated to be returned in sufficient time to be completed in the 4th quarter (col m Y, P/WD).

z. Markup Line. The markup line will be used by maintenance activities to reflect recommended changes to the line item based upon total depot programs and/or conditions which are unknown to the DMCC.

Note. Unit total cost will be marked up to the left of the entry and total man-hours directly below block 8. Any markup or change made by the maintenance activity will be fully explained in the narrative. Any increase or decrease in unit man-hour or cost data of 10 percent from that stated on the depot master plan must be fully justified.

All data marked up on the depot master plan must have a corresponding punched card prepared. This is to include any manual entries or entry left blank by DMCC. The maintenance activity will prepare appropriate punched cards. A statement will be included in the cover letter returning the marked up program (including punched cards) to the DMCC evaluating the proposed workload relating to available manpower and dollar resources. Definitive statements will be made regarding the percentage and quantity of increase or decrease in the work force reflected in the proposed program. Mission activities and specialized skills, which are under- or overprogramed, should be explained in sufficient detail that appropriate program adjustments can be made during the refinement of the target year program.

DEPOT MASTER PLAN FY DATE

(AMCR 750-28)

1. STOCK/PART NO.	2. PROJ.	3. ITEM NOMENCLATURE	4. AMC CODE	5. DEWG/AMPS NO.	6. 3RD PRICE	7. TOT COST	8. TOT AM-H	9.																																																												
<table border="1"> <thead> <tr> <th colspan="2">ASSET & SCHEDULE DATA</th> <th colspan="2">UNIT COST</th> <th colspan="2">ASSETS</th> <th colspan="2">SCHEDULE</th> <th colspan="2">ASSETS</th> </tr> <tr> <th>REMARKS</th> <th>UNIT AMT</th> <th>UNIT COST</th> <th>UNIT COST</th> <th>TOTAL</th> <th>ON-HAND</th> <th>TURN-IN</th> <th>1st QTR</th> <th>2nd QTR</th> <th>3rd QTR</th> </tr> <tr> <th>A</th> <th>B</th> <th>C</th> <th></th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> </tr> </thead> <tbody> <tr> <td>DEPOT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MAKE-UP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="10">18. NARRATIVE</td> </tr> </tbody> </table>									ASSET & SCHEDULE DATA		UNIT COST		ASSETS		SCHEDULE		ASSETS		REMARKS	UNIT AMT	UNIT COST	UNIT COST	TOTAL	ON-HAND	TURN-IN	1st QTR	2nd QTR	3rd QTR	A	B	C		D	E	F	G	H	I	DEPOT										MAKE-UP										18. NARRATIVE									
ASSET & SCHEDULE DATA		UNIT COST		ASSETS		SCHEDULE		ASSETS																																																												
REMARKS	UNIT AMT	UNIT COST	UNIT COST	TOTAL	ON-HAND	TURN-IN	1st QTR	2nd QTR	3rd QTR																																																											
A	B	C		D	E	F	G	H	I																																																											
DEPOT																																																																				
MAKE-UP																																																																				
18. NARRATIVE																																																																				

18. Master card file data. Key punch a master deck of PCM cards for each depot master plan sheet. Elements of data to be entered are as follows:

a. FSN header card (fig 7).

<u>Data element</u>	<u>Card columns</u>
Unit of issue/measure	1-2
Catalog price (dollars only)	3-11
Federal stock number (left-justified)	12-22
DODAC (ammo only)	23-26
Nomenclature	27-55
Available for local use (AFLU)	56-60
Date (Julian)	61-64
Card code M1	65-66
PRON	67-80

b. AMC code header card (fig 8).

<u>Data element</u>	<u>Card columns</u>
AMC code	1-13
Weapon/Support System code	14-16
Drawing manufacturer's number (left-justified)	17-31
Serial number (left-justified)	32-46
Unit man-hours (right-justified, preceded with zeros)	47-53
Control punch	54
X--Depot mark up	54
No X--Plan	55-58
Available for local use (AFLU)	59-60
Depot	

AMCR 750-28

<u>Data element</u>	<u>Card column</u>
Date (Julian)	61-64
Card code M2	65-66
PRON	67-80

c. Detail card (fig 9).

<u>Data element</u>	<u>Card column</u>
Field count (number of fields used)	1
Field 1	
Blank	2
Column code (para 19)	3
Quantitative entry (right-justified preceded with zeros)	4-12
Fields 2 through 5	13-56
AFLU	57-58
Depot	59-60
Date (Julian)	61-64
Card code M3	65-66
PRON	67-80

Note. The detail card allows for submitting five elements of data by using the five fields. In preparing this card fields 2 through 5 may be left blank if not required. Entries will be made from left to right.

d. Narrative card (fig 10).

<u>Data element</u>	<u>Card column</u>
Narrative card sequence number (Cards will be sequenced alphabetically "AA"- "AP," no more than 16 cards.)	1-2
Narrative (left-justified)	3-58

AMCR 750-28

<u>Data element</u>	<u>Card columns</u>
Depot	59-60
Date (Julian)	61-64
Card code M4	65-66
PRON	67-80

19. Column codes.

<u>PCM column codes</u>	<u>Line description</u>
6	Unit total cost
7	Total cost
8	Total man-hours
9	Total funded cost
B	Unit man-hour
C	Unit funded cost
D	Total requirement
E	On hand
F	Turn-in
G	1st quarter on hand
H	1st quarter turn-in
I	2d quarter on hand
J	2d quarter turn-in
K	3d quarter on hand
L	3d quarter turn-in
M	4th quarter on hand
N	4th quarter turn-in

[illegible]

Figure 7.

AMC CODE HEADER CARD DEPOT MASTER PLAN									
AMC CODE	WEAPON / SUPPORT SYSTEM	DRAWING MANUFACTURERS NUMBER	SERIAL NUMBER	UNIT MANHOUS	CONTROL	AFLU	DEPOT	DATE Julian	PRON
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Figure 8.

[illegible]

Figure 9.

NARRATIVE CARD DEPOT MASTER PLAN	
NARRATIVE SEQUENCE	PRON
1	DATE
2	Julian
3	DEPOT
4	DATE
5	Julian
6	DEPOT
7	DATE
8	Julian
9	DEPOT
10	DATE
11	Julian
12	DEPOT
13	DATE
14	Julian
15	DEPOT
16	DATE
17	Julian
18	DEPOT
19	DATE
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88	DATE
89	Julian
90	DEPOT
91	DATE
92	Julian
93	DEPOT
94	DATE
95	Julian
96	DEPOT
97	DATE
98	Julian
99	DEPOT
100	DATE

Figure 10.

Section V

SUMMARY (PLANNING) REPORT
(Reports Control Symbol AMCMA 104)

20. Introduction. a. Purpose. This report is prepared to provide essential management and budget data during steps 4, 6, 9, and 14 of the time phased planning chart, appendix III.

b. Scope. This report is a summary of the cost and workload data developed during the planning cycle for all maintenance activities. It covers all budget activities indicated in paragraph 2.

c. Report form. AMC Form 1122 (Summary (Planning) Report) is used for this report (fig. 11).

d. Prepared by. The summary (planning) report is prepared by DMCC.

e. Frequency, routing, and due date.

(1) This report will be submitted in accordance with steps 4, 6, 9, and 14 of the time phased planning chart, appendix III.

(2) This report will be prepared by DMCC and two copies forwarded to the Commanding General, AMC, ATTN: AMCMA-P; and two copies, ATTN: AMCMA-D.

21. Preparation instructions. The report is prepared by machine process using data contained in the planning data file which constitutes data from the P/WD, tentative depot maintenance plan, and the depot master plan. Explanation of the columnar entries on the report is as follows:

a. Block 1--AMC Code and Title. Entry in this block will be the applicable activity account code (AR 37-55) and its abbreviated title.

b. Block 2--Planning Schedule Step No. Entry will reflect the time phased planning chart step number applicable to the specific report.

c. Block 3--Date. Entry will reflect the day, month, and year the report was prepared.

d. Block 4--Total Requirement. Entry will reflect the summarization of the total gross requirements (P/WD) for the applicable activity account code.

e. Block 5--Total Requirement Funded Cost. Entry will reflect the total funded cost estimated to be required to return the quantity reflected in block 4 to a serviceable condition.

f. Block 6--Planned Requirements. Entry will reflect the summarization of the planned overhaul quantity (P/WD) for the applicable activity account code.

g. Block 7--Planned Funded Cost. Entry will reflect the total funded cost estimated to be required to return the quantity, reflected in block 6, to a serviceable condition.

h. Block 8--Unscheduled Quantity. Entry will reflect the sum of the on-hand available assets which are not scheduled, summarized to the applicable activity cost code.

i. Block 9--Unscheduled Funded Cost. Entry will reflect total funded cost estimated to be required to return the quantity, reflected in block 8, to a serviceable condition.

j. Block 10--Unfinanced Requirement Quantity. Entry will reflect the difference between entries in blocks 4 and 6. This quantity reflects, for each applicable activity cost code, the quantity which cannot be accomplished due to funding limitations.

k. Block 11--Unfinanced Requirement Funded Cost. Entry will reflect the total funded cost required to return the quantity, reflected in block 10, to a serviceable condition or the difference between blocks 5 and 7.

l. Column A--Depot. Entry will reflect the installation activity code (AMCR 11-2).

m. Column B--Total Scheduled. Entry will reflect for each maintenance activity the quantity scheduled for each applicable activity cost code. The total of column B will equal the quantity reflected in block 6.

n. Column C--Total Cost. Entry will reflect the total (funded and unfunded) cost estimated to be required for each depot to return the quantity, reflected in column B, to a serviceable condition.

o. Column D--Funded Cost. Entry will reflect the total funded cost estimated to be required for each depot to return the quantity, reflected in column B, to a serviceable condition.

p. Column E--On-hand Scheduled. Entry will reflect for each depot that portion of column B that is physically located at the maintenance activity scheduled to perform the work.

q. Column F--Cost of On-hand Scheduled. Entry will reflect the total funded cost estimated to be required to return the quantity, reflected in column E, to a serviceable condition.

r. Column G--Turn-in Scheduled. Entry will reflect that portion of the quantity, reflected in column B, which is not physically located at the maintenance activity scheduled to perform the work (col B minus col E).

s. Column H--Cost of Turn-in Scheduled. Entry will reflect the total funded cost estimated to be required to return the quantity, reflected in column G, to a serviceable condition (col F minus col D).

SUMMARY (PLANNING) REPORT (AMCR 750-28)								RCSI AMCMA - 104	
1. AMC CODE AND TITLE				2. PLANNING SCHEDULE STEP NO.		3. DATE			
TOTAL		PLANNED		UNSCHEDULED		UNFINANCED REQUIREMENT			
4. REQUIREMENT	5. REQ. FUNDED COST	6. REQUIREMENT	7. FUNDED COST	8. QUANTITY	9. FUNDED COST	10. QUANTITY	11. FUNDED COST		
DEPOT	TOTAL SCHEDULED	TOTAL COST	FUNDED COST	ON-HAND SCHEDULED	COST OF ON-HAND SCHEDULED	TURN-IN SCHEDULED	COST OF TURN-IN SCHEDULED		
A	B	C	D	E	F	G	H		
TOTAL									

AMC FORM 1122
1 SEP 66

PREVIOUS EDITION MAY BE USED UNTIL EXHAUSTED.

Figure 11.

a. Block 1--Stock or Part Number. Entry will reflect the data entered in block 20 of the P/WD.

b. Block 2--Item Nomenclature/Title. Entry will reflect the item nomenclature or noun.

c. Block 3--FY (fiscal year). Entry will reflect the PRON fiscal year or the fiscal year in which the maintenance is to be performed.

d. Block 4--Date. Entry will reflect the month in which the report was prepared.

e. Block 5--PRON. Entry will reflect the data entered in block 12, P/WD.

f. Block 6--AMC Code. Entry will reflect the activity account code (AR 37-55) reflected in block 13, P/WD.

g. Column A--Total Required. Entry will reflect the entry in column B, line 4, P/WD.

h. Column B--Funded Cost. Entry will reflect the total funded cost estimated to be required to return the quantity in column A to a serviceable condition (coln J, line 4, multiplied by coln B, line 4, P/WD). Cost will be reflected to the nearest dollar.

i. Column C--Total Cost. Entry will reflect the total (funded and unfunded) cost estimated to be required to return the quantity in column A to a serviceable condition (coln D, line 4, P/WD). Cost will be reflected to the nearest dollar.

j. Column D--Planned Overhaul. Entry will reflect the quantity from column F, line 4, P/WD.

k. Column E--Funded Cost. Entry will reflect the total funded cost estimated to be required to return the quantity in column D to a serviceable condition (coln K, line 4, P/WD). Cost will be reflected to the nearest dollar.

l. Column F--Total Cost. Entry will reflect the total (funded and unfunded) cost estimated to be required to return the quantity, reflected in column D, to a serviceable condition (coln C, line 4, multiplied by coln F, line 4, P/WD). Cost will be reflected to the nearest dollar.

m. Column G--On-hand. Entry will reflect the data shown in column G, line 4, P/WD.

n. Column H--Turn-in, 30 June. Entry will reflect the data shown in column H, line 4, P/WD.

o. Column I--Turn-in PRON FY. Entry will reflect the data shown in column I, line 4, P/WD.

p. Maintenance Activity. Entry will reflect two-digit maintenance activity shown on the P/WD or as adjusted by DMCC.

q. Column J--On-hand. Entry will reflect, for each applicable maintenance activity, the assets physically located at those activities (column P, P/WD).

r. Column K--Anticipated Turn-in. Entry will reflect, for each applicable maintenance activity, those assets which are not physically located at those installations but are anticipated to be turned in and are scheduled for completion (sums of column S, U, W, and Y of P/WD; or as adjusted by DMCC).

s. Column L--Authorized. Entry will reflect, for each applicable maintenance activity, the quantity to be scheduled for completion at those installations (column Q of the P/WD, or as adjusted by DMCC).

t. Column M--1st Quarter On Hand. Entry will reflect, for each applicable maintenance activity, that portion of the on-hand assets scheduled for completion during the 1st quarter (column R minus column S of the P/WD, or as adjusted by DMCC).

u. Column N--1st Quarter Turn-ins. Entry will reflect, for each applicable maintenance activity, that portion of the anticipated turn-ins (column K) scheduled for completion during the 1st quarter (column S of the P/WD, or as adjusted by DMCC).

x. Column Q--3d Quarter On Hand. Entry will reflect, for each applicable maintenance activity, that portion of the on-hand assets scheduled for completion during the 3d quarter (coln V minus coln W of the P/WD or as adjusted by DMCC).

y. Column R--3d Quarter Turn-in. Entry will reflect, for each applicable maintenance activity, that portion of the anticipated turn-ins (coln K) scheduled for completion during the 3d quarter (coln W of the P/WD).

z. Column S--4th Quarter On Hand. Entry will reflect, for each applicable maintenance activity, that portion of the on-hand assets scheduled for completion during the 4th quarter (coln X minus coln Y of the P/WD, or as adjusted by DMCC).

aa. Column T--4th Quarter Turn-ins. Entry will reflect, for each applicable maintenance activity, that portion of the anticipated turn-ins (coln K) scheduled for completion during the 4th quarter (coln Y of the P/WD, or as adjusted by DMCC).

CHAPTER 3

WORK AUTHORIZATIONS

24. Introduction. a. Purpose. This chapter prescribes the standard work authorization document and work authorization procedures to be used for authorizing work at United States Army Materiel (AMC) depot maintenance activities.

b. Scope. These instructions apply to the Depot Maintenance Control Center (DMCC) when ordering work from activities indicated in paragraph 13a(35), chapter 2, for activity accounts and work accomplishment codes indicated in paragraph 2, chapter 1. AMC Form 1112 (Work Authorization) (fig. 13) is exempt from reports control (para 39y, AR 335-15).

c. Report form. AMC Form 1112 will be used to prepare this document. See figures 14 through 17 for punched card layouts.

d. Prepared by. When used as a work authorization, AMC Form 1112, will be prepared by DMCC. When used as a proposal, AMC Form 1112, will be prepared by the maintenance activities.

e. Frequency, routing, and due date.

(1) The work authorizations for target fiscal year workload will be forwarded by DMCC in accordance with step 10 of the time phased planning chart, appendix III. All other authorizations or changes will be forwarded as they occur.

(2) DMCC will prepare punched cards and work authorization documents (AMC Form's 1112) and forward the cards and four copies of the work authorization to the maintenance activity selected to perform the work. Commodity commands or national inventory control points (NICP's) will receive all work authorizations and punched cards for work to be performed at subordinate installations of their headquarters.

(3) The commodity command, NICP, or maintenance activity will sign the work authorization as accepted or marked up and forward two copies to the Chief, DMCC. The decks of cards may be used by the maintenance activity as input data to develop the program status report (PSR) data.

(4) When a command, NICP, or maintenance activity wishes to submit a proposal, cards A1, A2, A3, and will be key punched with a control punch P (proposal) in card column 55. The key punched cards and four copies of the work authorization will be forwarded to the Chief, DMCC. DMCC will take the necessary action to authorize or mark up and return two copies of the work authorization to the originator.

25. Rules for use of work authorizations. a. General

(1) Work authorizations will be specific, as to the work encompassed by the authorization and the authorization itself, and will therefore, include the necessary supporting materiel of either an administrative or technical nature. The technical standards, upon which the extent of work accomplishment is based, will be identified in the authorization as reflected in the P/WD (procurement/work directive).

(2) Work authorizations will be issued and accepted on the basis that resources are available to complete the work. The maintenance activities will accept the work authorization for approval of work quantities and the comptroller must accept these quantities within available resources. In all cases, final acceptance of work authorizations must be routed through the comptroller of performance activities prior to their transmission to DMCC and subsequent return.

(3) Work authorizations will not be made by an administrative subdivision of funds.

(4) Estimated costs reflected on a work authorization will not be a limitation of actual costs incurred. Work authorization documents will not be revised solely to reflect revised estimates of depot costs, man-hours, or schedule changes that do not change the quantity authorized for the fiscal year. The program status report will be the depot's media for reflecting said changes. However, for reimbursable workloads, i.e., stock fund, any adjustments in unit costs, or man-hours will be entered on the work authorization at the time of acceptance.

(5) Work authorizations permit incurring process costs for target fiscal year on those items accepted and on hand at the maintenance activity.

(6) Depot maintenance activities are prohibited from performing work as specified in paragraph 2 without an authenticated work authorization document (AMC Form 111) issued by DMCC or interim authority from the DMCC.

(7) Scheduled rebuild to an earlier quarter when assets are anticipated and not physically located at the depot will not be condoned.

b. Issuance. The work authorization will reflect quantities of anticipated turn-ins authorized and scheduled for completion during the fiscal year. Turn-ins are predicted on factors which will be constantly reviewed and analyzed during the execution year. As stated, the anticipated turn-ins will be scheduled on authorization documents and will, therefore, be authorized for completion upon receipt at the maintenance activity. Inasmuch as turn-ins cannot be accurately predicted as to quantity or when the assets will materialize, planning for support must be based on informed supply manager's estimates.

c. Acceptance.

(1) The concept of workloading maintenance activities by specific work authorization documents requires a positive response by the depot to "accept" the work or mark up (change authorized quantity only) and return the authorization with an explanation of the markup. Prior to the execution year, work authorizations accepted will be documented by being entered on the supplemental program status report; therefore, individual acceptance will not be required.

(2) All authorizations received after 1 July, or which are not included on the June supplemental program status report, will be accepted on an individual basis and the acceptance copy returned to DMCC within 10 workdays after receipt.

(3) The 10 workdays time frame also applies to DMCC in the acceptance of proposals and markups from the maintenance activities.

d. Markup.

(1) In the event the depot maintenance activity receiving a work authorization document does not agree with the quantity authorized (line 4, column B) the maintenance activity may mark up or change the quantity authorized by entering revised data on lines 3 and 4 of block 22.

(2) The change to line 4, column B, is the only change considered to be a markup. Changes to schedules or cost figures are not considered a markup. Maintenance activities may not agree with cost and man-hour or scheduling information of the work authorization. However, if the authorized quantity can be accepted within resources,

the authorization will be accepted and revised costs, man-
hours, and scheduling data will be reflected on the next
program status report.

e. Proposals.

(1) A "proposal" work authorization document will be initiated by maintenance activities for work not programmed or authorized in the fiscal year workload. This includes, but is not limited to, project orders, common service support, cross-service agreements, and similar agreements or documents. DMCC will respond to the maintenance activities proposals within 10 workdays following receipt of the proposal.

(2) In the event any situation arises indicating that the total quantity authorized for the fiscal year will not be completed during the fiscal year, a proposal for work authorization change will be initiated by the maintenance activities. This action will be taken at the earliest practicable date, but not later than 1 May of the execution year, in order that items which cannot be completed are considered for inclusion in the next fiscal year.

(3) Work authorized as organic or in-house, which is placed on contract by the installation, will require proposals to be initiated to reduce the organic workload to that which will be accomplished on depot and establish that quantity to be done by contract. The identification of organic and contract is the 13th digit of the activity account code. A "1" indicates organic (in-house), a "6" indicates contract. Basic work authorization is the authority to proceed with accomplishment of total authorized quantity.

f. Changes. Any change to the authorized quantity, block 21, line 4, column B, will require a change to a work authorization document. A change may be initiated by DMCC as a "proposal" by the maintenance activity. Any change in blocks 13, 15, or 17 (except amendment number) will require a change to the work authorizations to reduce the quantity authorized (line 4, column B) under the old entries in the above blocks to zero and to initiate a new work authorization under the revised data in the above blocks. This action may be taken by DMCC as a change or by the maintenance activity as proposals. Proposals will not be reported on the PSR until the work authorization is received from DMCC.

g. Interim work authorizations.

(1) It is recognized that unpredictable emergency requirements will necessitate changes to established

schedules based upon world conditions. This can be accomplished through the use of these procedures. However, it is imperative that changes be held to a minimum in order for the work activities to achieve the maximum economics and production.

(2) When an out-of-stock condition exists and priority demand is placed upon the supply system that meets the criteria established for maintenance accomplishment priority 1 or 2, the commodity manager may find maintenance is the most expeditious source of supply. In the event the requirement is unprogramed, it will necessitate the establishment of a new item program (P/WD) and the initiation of a work authorization (AMC Form 1112) to the maintenance activity by DMCC. In the event the requirement is already established on a current authorized program, it may necessitate an increase/acceleration to the present schedule. In either case the requirement will be made known quantitatively, by an issue priority designator (IPD), to the maintenance activity through DMCC by the fastest means of communications available, i.e., teletype, telephone, transceiver, cable, or courier as authorized in AR 725-50. Quantity requirements specifying an IPD will be supported by requisition demand documents citing the same IPD.

(3) It will be incumbent upon the maintenance activity to satisfy all outstanding repair parts requirements in support of the end item using an IPD commensurate to the end item requirement (AR 725-50).

(4) In the event it is determined that the interim authorization will be beyond the resources of the performing activity and, if available, DMCC will notify the maintenance activity of the line items which will be reduced to make resources available to accomplish the priority workload.

(5) Items for which interim authorizations have been received will be reflected on the program status report and a "v" will be entered in column X of the production data portion.

26. Preparation and use instructions. a. This document will be prepared by machine process, when initiated by DMCC, using the data contained in the P/WD's, depot master plan, program status report, and the tentative depot maintenance plan. When prepared by maintenance activities, the document may be prepared by machine process or typewritten.

b. An explanation of the entries on the work authorization document follows. (See paragraph 28 for instructions on preparing punched cards.)

(1) Block 1--Type Action, Initial/Change. "X" will appear in the appropriate box. A change will require an increase in the amendment number portion of the PRON.

(2) Block 2. Leave blank.

(3) Block 3--Date. Entry will indicate Julian date the work authorization was released.

(4) Block 4--To. Entry will reflect the recipient's address including the office symbol.

(5) Block 5--From. Entry will reflect DMCC's address.

(6) Block 6--Authorized By. Entry will reflect Chief of DMCC with the signature of the division chief to which the item is assigned.

Note. Blocks 4, 5, and 6 will be used by DMCC only.

(7) Block 7--To. Entry will reflect the address of DMCC including the appropriate office symbol.

(8) Block 8--From. Entry will reflect the address of the maintenance activity including the office symbol of the originator.

(9) Block 9--Action. This block will be used by the activity to reflect either acceptance of a work authorization, a markup of a work authorization (a markup is checked only when the change made by the maintenance activity affects the quantity authorized block 21, line 4, column B), or a proposal for a program change. This block provides for the signature of the person authorizing the action taken and the Julian date that the document was released to DMCC.

Note. Blocks 7, 8, and 9 will be used by the maintenance activity only.

(10) Block 10--To. Entry will reflect the maintenance activity's address including the office symbol.

(11) Block 11--From. Entry will reflect DMCC's address.

(12) Block 12--Action. This block will be used by DMCC to indicate action taken on a maintenance activity's mark up. The proposal will either be accepted by DMCC or marked up. This block will also reflect the name and signature of the person in DMCC authorizing the action and the date the document was dispatched.

Note. Blocks 10, 11, and 12 will be used by DMCC only.

(13) Block 13--Stock/Part No. Entry will reflect the Federal stock number of the item authorized. This block may contain an 11-digit numeric number or an alphabetic code for bulk level-of-effort type authorizations. There may be only four digits and the Federal supply classification. For ammunition materiel, there will also be included the four-digit Department of Defense ammunition code (DODAC).

(14) Block 14--Item Nomenclature. Entry will reflect either the item noun or a brief description of the goods or services to be delivered against the work authorization.

(15) Block 15--AMC Code. Entry will reflect the applicable activity cost account code (AR 37-55) to include, if applicable, the Weapons/Support System code. This entry will be identical to that entered on the P/WD or assigned by DMCC for those areas for which P/WD's are not used.

(16) Block 16--AMC Code Title. Entry will reflect the description of the code reflected in block 15.

(17) Block 17--PRON. Entry will reflect the PRON assigned to the applicable P/WD with the exception of the last six positions. Positions 9 and 10 will be sequentially numbered amendments. Position 11 (buyer) will reflect "JM" DMCC's identification code, positions 13 and 14 (seller) will reflect the maintenance activity's identification code (app B, AMCR 11-2).

(18) Block 18--Drawing/Manufacturers' Number. Entry will be made only if stock/part number (block 13) is not sufficient identification of the item required from the maintenance activity.

(19) Block 19--Standard Price (Unit). - Entry will reflect the current unit price of the item as reflected on the P/WD. This entry will be used as a basis to assure that cost of performing the work will not exceed the maximum permissible expenditure (MPE) limits. Cost will be reflected in whole dollars only.

(20) Block 20--Man-hours (Unit). Entry reflect the estimated direct man-hours required to re one unit of the quantity authorized to a serviceable tion or the estimated unit man-hours required to perf service requested on the work authorization. This en be the maintenance activities' latest unit man-hour e as reported in column W of the production data portio program status report. In the event that these data available at the DMCC, this entry may be made manually reflect the national average or may be left blank. M in this block will be reflected to the nearest hundre an hour.

(21) Block 21--Quantitative, Cost, and C Data.

(a) Line 1--Prior. Entries will be only for amendments or changes to previously issued w thorizations. Entries will reflect the identical data were entered on line 4 (current) of the previously iss authorization.

(b) Line 2--Increase. Entry will r the quantitative increase from the "prior" line to the rent" line. This line will be computed for all column subtracting the "prior" (line 1) from the "current" (1

(c) Line 3--Decrease. Entry will r the quantitative decrease from the "prior" line to the rent" line. This line will be computed for all column subtracting the "current" (line 4) from the "prior" (1

(d) Line 4--Current. Entry "current quantitative data" will be the sum of lines 1 and 2 or difference between lines 1 and 3.

(22) Column A--Unit of Issue. Entry will flect the two-position abbreviation of the unit of iss (unit of measure) applicable to the order (i.e., EA--e TH--thousands, FT--feet, etc.). This will be identical the unit of measure (colm A and E) of the P/WD.

(23) Column B--Total Authorized. Entry (1 will reflect the total quantity authorized for completi the maintenance activity during the fiscal year. The n tenance activity is prohibited from exceeding the quant reflected in this column (line 4). The quantity refle in this column (line 4) must be identical to that repor on the program status report (production data) column D

(24) Column C--On Hand. Entry in this column (line 4) will reflect the total quantity of unserviceable economically reparable assets which may be used to complete the quantity reflected in column B and is physically located at the maintenance activity as reflected on the supply manager's official inventory records and furnished to DMCC on the P/WD.

(25) Column D--Anticipated Turn-ins. Entry in this column (line 4) will reflect the quantity of economically reparable assets anticipated to be returned to the maintenance activity for completion during the fiscal year.

(26) Column E--Unit Funded. Entry will reflect the estimated unit funded cost required to perform a unit of the work as defined on the work authorization. Line 4 (current) will reflect either the national average or whenever available, the maintenance activity's latest unit funded cost as reported in column V, production data portion of the current program status report. Data will be reflected in dollars and cents.

(27) Column F--Unit Total. Entry will reflect the estimated unit total (funded and unfunded) cost required to perform a unit of the work as defined on the work authorization. Line 4 (current) will reflect either the national average or, whenever available, the maintenance activity's latest unit total cost as reported in column C, cost data portion of the current program status report. Data will be reflected in dollars and cents.

(28) Column G--Total Funded Cost. Entry in this column for lines 1 and 4 will reflect the unit funded cost, column E multiplied by the authorized quantity, column B. Lines 2 and 3 will reflect either an increase or decrease from lines 1 and 4. Data will be reflected in dollars.

(29) Column H--Total Cost. Entry in this column for lines 1 and 4 will reflect the unit total cost, column F, multiplied by the total authorized quantity reflected in column B. Lines 2 and 3 will reflect the increase or decrease between lines 1 and 4. Data will be reflected in dollars.

(30) Block 22--Asset Data and Production Schedule.

(a) Line 1--Anticipated receipts. Entry will be made by DMCC only to reflect the desired production schedule of those assets which are anticipated to be returned during the fiscal year. Entries are to reflect when

the assets are scheduled for completion. The total quantities scheduled will equal the quantity entered line 4, column D.

(b) Line 2--Actual On Hand. Entries will be made by DMCC only to reflect the desired production of those assets which are physically located at maintenance activity. Entries are to reflect when the assets are scheduled for completion. The total of the on-hand and anticipated turn-in quantities scheduled must be equal to the authorized quantity reflected in column B, line 4.

(c) Quantitative entries made in the reschedule area of lines 1 and 3 are not mandatory unless noted in block 23. Maintenance activities may reschedule assets within the fiscal year. These rescheduling actions will be reflected on the program status report (production data). However, the quantity completed plus the remaining quantity scheduled on the program status report must equal the authorized quantity reflected on line 4, column B of the work authorization.

(d) Line 3--Anticipated Receipts. Entries will be made by the maintenance activity only and will be used to reflect a markup to a work authorization initiated by DMCC or to reflect a proposal initiated by the maintenance activity. Entries will reflect the scheduled completion of those assets anticipated to be returned during the fiscal year.

completion during the month or quarter indicated. All work authorizations initiated by DMCC will contain quarterly schedules only and the entries will be made in the middle month of the appropriate quarter (i.e., 1st qtr, Aug; 2d qtr, Nov; 3d qtr, Feb; 4th qtr, May). Entries made by the maintenance activities (lines 3 or 4) may be made either monthly or quarterly. Whenever a work authorization is initiated either by DMCC or the maintenance activities, the sum of J through U will equal I. The sum of column I, lines 1 and 2 must equal line 4, column B. The sum of column I, lines 2 and 3 must equal column B, line 4 on proposals.

(32) Block 23--Special Instructions Narrative.
Entries will comprise special instructions of either an administrative or technical nature, justification of a mark up, proposal, maintenance accomplishment priority, IPD, or any other pertinent information, including all narrative furnished on punched card or magnetic tape included with the P/WD, AMC Form 1111.

WORK AUTHORIZATION AMCR 750-28													
BASIC INFORMATION													
1. TYPE ACTION INITIAL <input type="checkbox"/> CHANGE <input type="checkbox"/>						2. PRIORITY		3. DATE					
4. TO:				5. FROM:				6. AUTHORIZED BY:					
7. TO:				8. FROM:				9. ACTION ACCEPTANCE <input type="checkbox"/> MARK-UP <input type="checkbox"/> PROPOSAL <input type="checkbox"/>					
10. TO:				11. FROM:				12. ACTION ACCEPTANCE <input type="checkbox"/> MARK-UP <input type="checkbox"/> PROPOSAL <input type="checkbox"/>					
13. STOCK/PART NO.		14. ITEM NOMENCLATURE (TYPE AND MODEL NO. IF APPLICABLE)											
15. AMC CODE		16. AMC CODE TITLE											
17. FROM		18. DWS./MPS. NO.		19. STANDARD PRICE (UNIT)				20. MAN HOURS (UNIT)					
QUANTITATIVE COST AND CHANGE DATA													
21. ELEMENTS		QUANTITIES				ESTIMATED COST DATA							
		UNIT OF ISSUE	TOTAL AUTHORIZED	ON-HAND	ANTICIPATED TURN-IN	UNIT FUNDED	UNIT TOTAL	TOTAL FUNDED	TOTAL				
		A	B	C	D	E	F	G	H				
1. PRIOR													
2. INCREASE													
3. DECREASE													
4. CURRENT													
ASSET DATA AND PRODUCTION SCHEDULE													
22. UNITS FOR THE FY	TOTAL	FIRST QTR.			SECOND QTR.			THIRD QTR.			FOURTH QTR.		
		JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN
1.		J	K	L	M	N	O	P	Q	R	S	T	U
ANTICIPATED RECEIPTS													
2.													
ACTUAL ON-HAND													
3.													
ANTICIPATED RECEIPTS													
4.													
ACTUAL ON-HAND													
23. SPECIAL INSTRUCTIONS/NARRATIVE													

AMC FORM 1112
1 SEP 66

PREVIOUS EDITION MAY BE USED UNTIL EXHAUSTED.

Figure 13.

27. Special instructions. These instructions set forth guidance relating to preparing, using, and transmitting AMC Form 1112 (Work Authorization) (fig 13).

a. All orders placed on a depot maintenance activity will normally be issued on a single line item basis (FSN). A separate work authorization document (AMC Form 1112) will be prepared for each FSN, each activity account code, and for each Weapons/Support System identifier in the activity account code, if applicable. In other words, if there is any difference in any one of the above mentioned elements, a separate work authorization document must be prepared. Once a work authorization has been established and a PRON assigned any change to the FSN, activity account code (full 15 or 16 digits for Weapons/Support System or 13 digits for commodity group), will require a cancellation of the original and establishment of an initial work authorization with a different PRON.

b. The depot maintenance program planning cycle requires that work authorizations be prepared and forwarded to maintenance activities approximately 5 months in advance of the target fiscal year. It is required that the majority of the basic items, components, and accessories be identified by FSN as stated in a above. However, various items or categories of materiel due to their population, distribution, and various makes and models cannot be identified by Federal stock number and may be authorized as indicated below.

(1) Guided missile materiel.

(a) Bulk level-of-effort work authorizations will be issued for this category of materiel except missile ammunition when many line items are programmed for depot maintenance based on anticipated returns and expected supply demands. This would primarily include stock fund and non-stock fund components and accessories for overhaul, modification, inspection and serviceability testing, and fabrication. It is unlikely that bulk level-of-effort work authorizations will be issued for basic items of missile materiel except in special cases.

(b) A separate bulk work authorization will be issued for each missile system and activity account code in order to comply with AR 37-55.

(c) Each bulk work authorization issued will reflect the total anticipated workload within funding guidance for missile materiel.

(d) As individual line items are identified, a separate work authorization document will be issued by the program manager in accordance with instructions in b above. However, in no instance will the sum of the identified work authorizations exceed the bulk applicable work authorization. The bulk work authorization will be amended at least quarterly to reflect changes in planned funding levels when the dollar limits of the bulk are exceeded by the sum of the identified and additional funding guidance has been received or when compensating adjustments are made to less active bulk work authorizations. The revised bulk work authorization will reflect accomplishment for completed quarters and forecast for the remaining portion of the fiscal year.

(e) The identified work authorizations will be reported on the program status report the same as any other work authorizations. However, the bulk work authorization must be reduced by the quantities and costs of the identified work authorizations for reporting on the program status report. Thus the program status report against the bulk work authorization will reflect only the unidentified work and costs forecasted for the remaining portion of the fiscal year. The sum of the identified work authorizations reported on the program status report and the unidentified portion of the bulk work authorization reported on the program status report should equal the total bulk work authorization.

(f) At the end of the fiscal year, the bulk work authorization will equal the identified work authorizations. This final adjustment to the bulk work authorization will be made by the DMCC not later than 30 September following the close of the fiscal year.

(g) The instructions for preparing the bulk work authorization for missile materiel will be identical to the instructions for the basic work authorization (b above) with the exception of block 13, stock/part number, which will contain an abbreviated description that is applicable to the missile system (11 digits) (i.e., HERCSECBULK, PERSFABBULK).

(2) Electronics materiel.

(a) Bulk level-of-effort work authorizations will be issued for this category of materiel when many line items are programed for depot maintenance based on anticipated returns and expected supply demands. These categories of equipment would primarily be components and accessories for all work accomplishment codes and all customers. Bulk level-of-effort work authorizations will not be used for basic items of materiel.

(b) A separate bulk level-of-effort work authorization will be issued for each category of equipment, each customer, and each work accomplishment code.

(c) Each bulk level-of-effort work authorization issued will reflect the total anticipated workload within funding guidance for electronic and communication materiel.

(d) Bulk level-of-effort work authorizations will not be subdivided by Weapons/Support System. A double alpha "ZZ" will be indicated in the Weapons/Support System portion of the activity account code.

(e) As individual line items are identified a separate work authorization document will be issued by DMCC in accordance with instructions in b above. However, in no instance will the sum of the identified work authorization exceed the applicable bulk authorization. The bulk level-of-effort work authorization will be amended at least quarterly to reflect changes in planned funding levels, when the dollar limits of the bulk level-of-effort work authorization are exceeded by the sum of the identified. The revised bulk level-of-effort work authorization will reflect accomplishment for completed quarters and forecasts for the remaining portion of the fiscal year. At all times, the bulk level-of-effort work authorization will represent the total fiscal year funding requirement for each applicable activity cost code and customer.

(f) The identified work authorization will be reported on the program status report the same as any other work authorization; however, the bulk level-of-effort work authorization must be reduced by the quantities and costs of the identified work authorizations for reporting on the program status report. Thus the program status report against the bulk level-of-effort work authorization will reflect only the unidentified work and costs forecasted for the remaining portion of the fiscal year. The sum of the identified authorizations reported on the program status report and the unidentified portion of the bulk level-of-effort work authorization reported should equal the total bulk level-of-effort work authorization.

(g) The instructions for preparing the bulk level-of-effort work authorization for electronics and communication equipment will be identical to the instructions for the basic work authorizations (b above).

(3) Special weapons.

(a) Due to the peculiarity of special weapons materiel, bulk level-of-effort work authorizations will be issued for this category of equipment.

(b) A separate bulk level-of-effort work authorization will be issued for each applicable activity account code by WAC (work accomplishment code), customer, and for each weapons system code.

(c) The bulk level-of-effort work authorization will represent the anticipated fiscal year requirement for each applicable activity account code and the total of all the bulks will represent the total fiscal year requirement for the special weapons maintenance activity.

(d) In addition to the bulk level-of-effort work authorizations, the initial authorizations will include identified FSN's for the 1st quarter workload as a minimum. As materiel is identified during the fiscal year, individual work authorizations will be issued by FSN.

(e) The sum of the identified (FSN) authorizations must be subtracted from the bulk level-of-effort work authorizations to determine the total fiscal year resources. The bulk level-of-effort work authorization will be amended at least quarterly to reflect changes in planned funding levels or when the dollar limits of the bulk are exceeded by the sum of the identified authorizations. The revised bulk level-of-effort work authorizations will reflect accomplishment for completed quarters and forecasts for the remaining portion of the year. At all times, the bulk level-of-effort work authorizations will represent the total fiscal year funding requirement for each applicable activity cost code.

(f) The identified work authorization will be reported on the program status report the same as any other work authorization; however, the bulk level-of-effort work authorization must be reduced by the quantities and cost of the identified work authorizations for reporting on the program status report. The sum of the identified authorizations reported on the program status report and the unidentified portion of the bulk level-of-effort work authorization reported should equal the total bulk level-of-effort work authorizations.

(g) The instructions for preparing the bulk level-of-effort work authorizations for special weapons materiel equipment will be identical to the instructions for

a basic work authorization (b above) and the special instructions regarding classification as reflected in paragraph 6, chapter 1.

28. Master card file data. Prepare a master deck of punched cards for each work authorization document. Elements of data to be entered are as follows:

a. FSN header card (fig 14).

<u>Data element</u>	<u>Card columns</u>
Unit of issue/measure	1-2
Catalog price	3-11
Federal stock number (left-justified, punch significant figures only--do not fill with zeros)	12-22
DODAC (ammunition only)	23-26
Nomenclature (left-justified)	27-55
Available for local use (AFLU)	56-60
Date (Julian)	61-64
Card code A1	65-66
PRON	67-80

b. AMC code header card (fig 15).

<u>Data element</u>	<u>Card columns</u>
AMC code	1-13
Weapons/Support System code	14-16
Drawing manufacturer's number (left-justified)	17-31
Serial number (left-justified)	32-46
Unit man-hours	47-53
Control 1	
Change (X)	54
Initial (blank)	54

d. Narrative card format (fig 17).

<u>Data element</u>	<u>Card columns</u>
Narrative card sequence number (cards will be sequenced alphabetically "AA" through "AP," not more than 16 cards per authorization document)	1-2
Narrative	3-58
Depot	59-60
Date (Julian)	61-64
Card code A4	65-66
PRON	67-80

29. Line and column codes. a. The numerical codes below indicate a line on the work authorization, while the alphabetic code indicates a column on the work authorization. A combination of these two types of codes indicates a specific entry on the work authorization. For example, combining codes 4 and B will identify the current authorized quantity.

<u>Line codes</u>	<u>Line description</u>	<u>Column codes</u>	<u>Column description</u>
1	Prior		
2	Increase	B	Total authorized
3	Decrease	C	On hand
4	Current	D	Anticipated turn-in
		E	Unit funded
		F	Unit total
		G	Total funded
		H	Total

b. The following line and column codes apply to block 22 of the work authorization.

AMCR 750-28

<u>Line codes</u>	<u>Line description</u>	<u>Column codes</u>	<u>Column description</u>
1	Anticipated receipts	I	Total
2	Actual on hand	J	July
3	Anticipated receipts	K	Aug
4	Actual on hand	L	Sep
		M	Oct
		N	Nov
		O	Dec
		P	Jan
		Q	Feb
		R	Mar
		S	Apr
		T	May
		U	Jun

Figure 14.

BASIC DETAIL CARD					WORK AUTHORIZATION					PRON	
FIELD COUNT	FIELD 1	FIELD 2	FIELD 3	FIELD 4	FIELD 5	A F L U	D E P O T	D E J U L I A N	A 3		
1	QTY	QTY	QTY	QTY	QTY						
2	LOC	LOC	LOC	LOC	LOC						
3	IN	IN	IN	IN	IN						
4	ED	ED	ED	ED	ED						
5	MM	MM	MM	MM	MM						
6	NO	NO	NO	NO	NO						
7	CODE	CODE	CODE	CODE	CODE						
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Figure 16.

NARRATIVE CARD FORMAT		WORK AUTHORIZATION	
NARRATIVE		DATE E JULIAN P O T	PRON
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

Figure 17.

CHAPTER 4

PROGRAM STATUS REPORT

Section I

SUPPLEMENTAL PROGRAM STATUS REPORT
((Production Data) (Depot) [RCS AMCMA 105] and
(Cost Data) (Depot) [RCS AMCMA 106])

30. Purpose. This report is used to report work-in-process cost incurred during the current fiscal year for items scheduled to be completed during the target fiscal year. It is also used to document the acceptance of work authorizations during the planning phase.

31. Scope. a. During the planning phase, a significant number of authorizations are forwarded as a package defining the authorized target year workload. Individual "acceptance" of these authorizations would entail considerable administrative work on the part of maintenance activities and Depot Maintenance Control Center (DMCC), therefore, "acceptance" of the initial target year work authorizations and adjusted authorizations will be documented in the form of a supplemental program status report for the target year to be furnished for the months of March, April, May, and June. These reports will comprise "accepted" work only. All authorizations which are not accepted in this manner will be marked individually and returned to DMCC within 10 days following receipt.

b. After receipt of initial work authorizations during the planning phase, work may be started on certain long maintenance leadtime items before the beginning of the fiscal year indicated in the procurement request order number (PRON). In these instances, work-in-process costs must be recorded to support cost incurred during the current year against items to be completed during the target year. These costs are recorded on a supplemental report to insure continuity of reporting for the target year program.

32. Report forms. See figures 18 through 21, this chapter.

33. Prepared by. a. Program Status Report (Production Data) (Depot), Reports Control Symbol AMCMA 105, and Program Status Report (Cost Data) (Depot), Reports Control Symbol

AMCMA 106, are prepared by maintenance activities and submitted to DMCC for print out and distribution to applicable NICP's (national inventory control points).

Note. Distribution to NICP's may be in the form of punched cards or magnetic tape as determined mutually by NICP and DMCC.

b. Program Status Report (Production Data) (Contract), Reports Control Symbol AMCMA 107 ; and Program Status Report (Cost Data) (Contract), Reports Control Symbol AMCMA 108, are prepared by NICP's for those items on national contract and submitted to DMCC for print-out. In addition, data required by chapter 6, AR 37-55, will be included.

34. Frequency, routing, and due date. a. This report will be furnished for the months of March, April, May, and June for all accepted work authorizations and will be forwarded to DMCC to arrive on or before the 7th workday following the end of the report period. Supplemental reports will not be transmitted within current year reports. Punched cards will be transmitted to the United States Army Major Item Data Agency (USAMIDA) via AUTODIN (automatic digital network). Activities which do not have AUTODIN will transceive punched cards to the appropriate AUTODIN terminal for entry into the AUTODIN network.

Note. Following submission of the initial card deck, establishing the target year program status report at DMCC, only change cards or exception data will be transmitted.

b. The supplemental program status report to supply managers from DMCC will be forwarded each month to arrive on or before the 7th workday following receipt of input data from the reporting activities. Punched cards will be forwarded via AUTODIN; magnetic tapes will be forwarded via registered mail.

35. Preparation instructions. The instructions for preparing the supplemental program status report are identical to the program status report, paragraph 38.

Section II

PROGRAM STATUS REPORTING

36. Introduction. a. Purpose. This section prescribes the specific guidance, procedures, and instructions

pertaining to preparing and using all program status reports which are submitted prior to, during, and after the execution year.

b. Scope. These instructions apply to all activities indicated in paragraph 2, chapter 1.

37. General instructions. a. The program status report (PSR) (production and cost) will reflect the status of all authorized programs (organic and contract) as of the end of each reporting period and a forecast of completions and expenditures.

b. The PSR will be prepared at the same level as indicated on the work authorization document or as specified in the narrative of AMC Form 1112.

c. All elements of data on the PSR and unit cost estimates are to be submitted by all activities for all maintenance programs as indicated in the instructions below.

d. AMC Form 1114 (Program Status Report) (Production Data) and AMC Form 1115 (Program Status Report) (Cost Data) will not be used by reporting activities for submission of the report. Punched cards as depicted in figures 20 and 21 will be used. AMC Forms 1114 and 1115 will be used by DMCC to print out data reported via punched cards.

e. To prepare the reports required by AR 37-55 (chap 5 for the Deputy Chief of Staff for Logistics, DA), punched cards reflecting specific elements of data for man-hours and cost will be included with the program status report production and cost detail cards.

f. These additional data will be used by DMCC in preparing the Depot Maintenance Cost Summary (Reports Control Symbol CSGLD-1258) and print-outs.

g. Report forms: AMC Forms 1114 and 1115, figures 18 and 19, this regulation; punched card layouts, figures 20 and 21, this regulation; and DA Forms 2833-, 2834-, and 2835-series, figures 5-1 through 5-16, chapter 5, AR 37-55.

h. Prepared by.

(1) Reports Control Symbol **AMCMA 105** and Reports Control Symbol **AMCMA 106** are prepared by maintenance activities and submitted to DMCC for print out and distribution to applicable NICP's.

or will be performed in the case of bulk authorizations. Entry in this block may also be Federal supply classification (FSC) as indicated on AMC Form 1112.

2. Block 2--Nomenclature. Entry will be made by DMCC and will reflect the standard nomenclature for the FSN, FSC, or bulk entry in block 1.

3. Block 3--Serial Number. Entry will reflect the serial number, if applicable, as reflected in block 18 of the work authorization (AMC Form 1112).

4. Block 4--FY. Entry will reflect the fiscal year of the program or the fiscal year of the funds (automatic reimbursable and AIF [Army Industrial Fund]).

5. Block 5--Report Period. Entry will reflect the report month.

6. Block 6--PRON. Entry in this block by DMCC and supply managers will reflect the PRON as reflected in block 12 of the P/WD. Organic reporting activities will use PRON assigned in block 17 of the work authorization document.

7. Block 7--AMC Code. Entry will reflect the activity account code identical to the code entered in block 15 of the work authorization document.

8. Column A--Depot. Entry will reflect the two-digit code assigned in the last two positions of the PRON of the work authorization document.

9. Column B--On Hand. Entry in this column will reflect the total unserviceable reparable assets, which can be applied to the specific work authorization, as of the end of the reporting period. This quantity should be compatible with the official stock status report for the same period. The quantity reported must be, as a minimum, equal to the on-hand assets scheduled for completion for the remaining portion of the fiscal year, except for customer code .01 or .21 where the balance of unserviceables will be shown. For Military Sales programs and all others except customers .01 and .21, reflect only the on-hand assets remaining to complete the fiscal year requirement.

Note. Assets on hand plus turn-in will not exceed the authorized quantity on conversion/modification program work accomplishment code C and H respectively.

10. Column C--Turn-ins. Entry will reflect the unserviceable assets which are not physically located at the installation, but which are required to be turned in, in order to complete the authorized quantity. The sum of the on hand, column B, and turn-ins should equal the remaining quantity to be completed as of the end of the report period.

11. Column D--Authorized Quantity. Entry will reflect the quantity authorized for completion during the fiscal year. This entry will be identical to that quantity reflected in column B, line 4 of the work authorization document or as officially adjusted by DMCC (para 25g). For bulk level-of-effort work authorizations, the quantity reported will be reduced by the quantity which has been identified as applicable to the bulk, but is reported by FSN on the PSR. The total of the identified, plus the remaining bulk will equal the total authorized on the bulk. The total of all depots reporting against a specific PRON will equal the planned overhaul quantity, column E, line 4, block 24 of the P/WD.

12. Column E--Scheduled this Period. Entry will reflect the quantity scheduled for completion during the reporting period. This entry will always be identical to that reported in column H of the previous report.

13. Column F--Completed this Period. Entry will reflect the quantity actually completed during the reporting period.

14. Column G--Completed to Date. Entry will reflect total cumulative quantity completed for the fiscal year as of the end of the reporting period. This column will be the sum of column G, previous report, plus column F, current report.

15. Column H--Scheduled. Entry will reflect the total quantity scheduled for completion during the 1st month following the report period.

16. Column I--Turn-in. Entry will reflect that portion of the quantity scheduled in column H which is not physically located on the depot.

Column J--Scheduled. Entry will reflect the quantity scheduled for completion during the report period.

18. Column K--Turn-in. Entry will reflect that portion of the quantity scheduled in column J which is not physically located on the depot.

19. Column L--Scheduled. Entry will reflect the total quantity scheduled for completion during the 3d month following the report period.

20. Column M--Turn-in. Entry will reflect that portion of the quantity scheduled in column L which is not physically located on the depot.

Note. During March, April, May, and June, for the supplemental report, entries in columns H, J, and L will equal column N, 1st quarter scheduled. Columns I, K, and M will be identified to the quantity reflected in column O. For the months of September, December, and March, the above columns ("H," "J," and "L" and "I," "K," and "M") will equal 2d, 3d, and 4th quarters respectively.

21. Column N--1st Quarter Scheduled. Entry will reflect the total quantity scheduled for completion during the 1st quarter of the fiscal year.

22. Column O--1st Quarter Turn-in. Entry will reflect that portion of the quantity reflected in column N which is not physically located on the depot.

23. Column P--2d Quarter Scheduled. Entry will reflect the total quantity scheduled for completion during the 2d quarter of the fiscal year.

24. Column Q--2d Quarter Turn-in. Entry will reflect that portion of the quantity reflected in column P which is not physically located on the depot.

25. Column R--3d Quarter Scheduled. Entry will reflect the total quantity scheduled for completion during the 3d quarter of the fiscal year.

26. Column S--3d Quarter Turn-in. Entry will reflect that portion of the quantity reflected in column R which is not physically located on the depot.

27. Column T--4th Quarter Scheduled. Entry will reflect the total quantity scheduled for completion in the 4th quarter of the fiscal year.

28. Column U--4th Quarter Turn-in. Entry will reflect that portion of the quantity reflected in column T which is not physically located on the depot.

applying at the time a report (PSR) is submitted, will necessarily be reflected by a change in the unit cost except upon program completion. Deviation from the original estimate as furnished by the depot/activity will be explained in the narrative when such cost variances are anticipated to exceed the following criteria:

a. Five percent for item(s) with unit cost of \$10,000 or more.

b. Ten percent for item(s) with unit cost below \$10,000, except with respect to Class V materiel, then the criteria will be 10 percent or a deviation of \$0.25 per unit whichever is greater. Unit cost will be reported in dollars and cents.

31. Column W... Unit Man-hours. Enter the direct labor man-hours, civilian and military, estimated to be required to complete one unit of the line item. All adjustments of plus or minus 10 percent to this column from the original estimate must be explained by written narrative. Entry will be to the hundredths of an hour (i.e., 10 man-hours will be reported 1.00).

32. Column X... Code. Entry will reflect one alphabetic explanation code (app I) to explain deviations such as slippages, rescheduling, unit man-hours changes, unit cost changes, or written narrative. When a slippage of 5 percent or more exists between the quantity scheduled for completion and the quantity completed during the period, the following type narrative explanations will be made:

a. Explain the cause and corrective action taken or required. Identify major repair parts or kit shortages by Federal stock number, off-post requisition, and advice received.

b. Statement as to when items slipped have been reprogramed.

Note. Slippage or overproduction of one or more items on all Military Sales must be fully explained.

(b) AMC Form 1115 (Cost Data), Reports Control Symbol **AMCMA 106** (fig 19).

1. Blocks 1 through 7 and column A of the cost data (AMC Form 1115) will reflect the identical data as the production data (AMC Form 1114).

2. Column B--Total Planned Cost. Entry will reflect the total funded and unfunded cost required to complete the authorized quantity. This entry will be computed by the reporting activities by multiplying authorized quantity (colm D) of the production data by the unit total cost (colm C) of the cost data.

3. Column C--Unit Cost. Entry will include the total funded and unfunded cost estimated to be required to return one unit of the item to a serviceable condition. It is essential that the estimated total cost per unit entered in this column be a valid statement by the reporting activity of the average unit cost for the total authorized quantity. This entry should be the reporting activities' estimate of what the total cost per unit will be upon completion of the entire authorized quantity. Any arbitrary increase or decrease in the unit cost solely for the purpose of leveling out or absorbing prior invalid estimates would not only present unrealistic unit cost estimates, but might overstate or understate funds required to complete the program. It is not intended that minor changes in unit costs be reflected by a change in this column. A deviation of 10 percent from the original estimate must be explained in the narrative. Entry will be reported in dollars and cents.

4. Column D--Direct Labor, Funded. Entry will reflect the cumulative direct funded labor charges costed from the time the job order was started through the end of the report period. Costs reported will be in whole dollars only.

5. Column E--Direct Labor, Unfunded. Entry will reflect the cumulative unfunded direct labor charges costed from the time the job order was started through the end of the report period. Costs reported will be in whole dollars only.

6. Column F--Direct Overhead, Funded. Entry will reflect the cumulative funded indirect maintenance expense (AR 37-55) costed from the time the job order was started through the end of the report period. Costs reported will be in whole dollars only. General administrative expense of AIF installations will be reported as funded costs.

7. Column G--Direct Overhead, Unfunded. Entry will reflect the cumulative unfunded indirect maintenance expense (AR 37-55) costed from the time the job order was started through the end of the report period. Costs reported will be in whole dollars only. In addition, installations having general administrative expense funded by BP 2200 or 2329000 will report such expense as unfunded.

8. Column H--Parts, Funded. Entry will reflect the cumulative funded cost of repair parts costed from the time the job order was started through the end of the report period. This will be the net cost after subtracting stock fund credits. Costs reported will be in whole dollars only.

9. Column I--Parts, Unfunded. Entry will reflect the cumulative unfunded cost of repair parts costed from the time the job order was started through the end of the reporting period. Costs reported will be in whole dollars only.

10. Column J--Other Costs. Entry will reflect the cumulative costs charged from the time the job order was started through the end of the reporting period. Entries for this column will be for those costs which cannot be identified to other columns, i.e., service contracts. Costs will be reported in whole dollars only.

11. Column K--Cost Incurred to Date. Entry will reflect the sum of the costs reported in columns D through J inclusive. Costs reported will be in whole dollars only.

Note. Cost data reported in columns D through K will be in accordance with the accounting procedures set forth in AR 37-55. There may be occasions when a net credit balance must be reported during a particular reporting period. Such quantitative entries will only be accepted in "C3" detail cards and must be identified with an "11" punch in the low-order position of the quantitative field, column 43. Because such entries represent delayed cost postings or overadjustments, these entries should not exist on completed programs. Adjustments will not be made to unit costs and man-hours solely for the purpose of adjusting credit entries. Final cost reporting will not appear. Credits which cannot be identified at job order level should be applied to the indirect maintenance expense account for distribution to all jobs.

12. Column L--Cost of Deliveries. Entry will be computed by DMCC. Entry will reflect the total unit cost (col m C) multiplied by the quantity completed to date (col m G, production data). This same procedure will be used by the finance and accounting activity to record cost of delivery.

13. Column M--Work in Process (WIP). Entry will be computed by DMCC by subtracting cost of deliveries (col m L) from cost incurred to date (col m K).

5. Column H--Material Cost Exchange
Per Unit. Entry will reflect the estimated exchange rate
 (funded and unfunded) per unit. The entry will be reported
 in dollars and cents. For explanation of exchange rates
 and their use refer to paragraph 2-4b3, chapter 2, AR 37-55.

6. Column I--Other Cost Per Unit.
 Enter the estimated cost for contractual services or
 other cost not identified elsewhere to complete one unit.
 Entry will be reported in dollars and cents.

7. Column J--Indirect Maintenance
Expense Per Unit. Enter the estimated indirect maintenance
 expense for completion of one unit. Entry will be expressed
 in dollars and cents.

8. Column K--General Administrative
Expense Per Unit. Enter the estimated general administrative
 expense for completion of one unit. Entry will be expressed
 in dollars and cents.

Note. 520 type contracts admin-
 istered by the depot where no direct labor is used in per-
 formance of the work authorized will be reported as commercial
 contract (performing activity code 6). Instructions for
 national contract reporting (b(1) below) will apply in these
 cases. Where direct labor is involved in the performance
 of the authorized work in conjunction with contract support,
 contract cost will be reported on a C3J detail card. This
 type work will be considered an organic depot maintenance
 activity (performing activity code 1) and, therefore, re-
 ported as outlined in a(1) above.

(2) In addition to P3 detail cards (a) above,
 C3 detail cards (b) above, S1 detail cards (c) above, and
 S2, 3, 4, and 5 detail cards will be required, as applicable,
 to prepare the reports required for the Deputy Chief of Staff
 for Logistics, DA. S2, 3, 4, and 5 detail cards are not submitted
 at the same level of detail as S1 cards. S2 cards relate to
 a specific Weapons/Support System or commodity group by FSC.
 S3, 4, and 5 detail cards relate to various categories of
 equipment. Punched card layouts for S2, 3, 4, and 5 detail
 cards are outlined in paragraph 39. Data required in S2,
 3, 4, and 5 detail cards are as follows:

(a) S2 Detail, Column L--Total Cost
Incurred Maintenance Support. Entry will reflect the total
 cost (funded and unfunded) incurred to date as of the end
 of the report period for each applicable 1020- series of
 accounts. Entries will be identified to the Weapons System
 by means of applicable alphabetic codes in columns 14
 through 16 of the detail cards.

(b) S2 Detail, Column M--Funded Cost Incurred Maintenance Support. Entry will reflect the portion of the cost shown in the S2, column L, detail card which is funded.

(c) S3 Detail, Column M--Basic Issue List Items. Entry will reflect the funded cost incurred to date as of the end of the report period. Separate cards will be prepared for each applicable 23K01940 series account.

(d) S4, Column M--Procurement of Modification Kits. Entry will reflect the funded cost incurred as of the end of the report period. Separate cards will be prepared for each applicable 23K01940 series account.

(e) S5, Column M--Operation and Maintenance of Facilities. Entry will reflect the total funded cost incurred to date as of the end of the report period. This entry will be the total 23Z09000 cost for the installation funded by BP 2300.

Note. All quantitative entries in S2, 3, 4, and 5 detail cards will be in whole dollars.

b. Contract depot maintenance reporting.

(1) The following instructions apply to elements of data to be entered in each applicable card, comprising a column on the program status reports (AMC Forms 1114 and 1115), to be reported by NICP's responsible for maintenance programs on national contracts. See a(1)(a) above for instructions regarding punched card format. These data are used by DMCC in preparing contract portions of Reports Control Symbol CSGLD 1258 report required by AR 37-55.

(a) Production Data (Reports Control Symbol AMCMA 107).

1. Block 1--FSN. Entry will reflect the FSN and DODAC of the item placed on contract.

2. Block 2--Nomenclature. Entry will be made by DMCC and will reflect the standard nomenclature of the FSN as developed by DMCC.

3. Block 3--If applicable, entry will reflect the serial number of the item on contract in the event the FSN is not sufficient identification.

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5. Block 5--Report Period. Entry will reflect the report month.

6. Block 6--PRON. Entry will reflect the PRON as reflected in block 12 of the P/WD.

7. Block 7--AMC Code. Entry will be identical to the activity account code reflected in block 13 of the P/WD.

8. Column A--Depot. Entry will reflect the two-digit installation identification code (AMCR 11-2) of the NICP/NMP (national maintenance point) responsible for the contract.

9. Column B--On Hand. Entry will reflect the unserviceable reparable assets shipped to the contractor or available at GOCO plants.

10. Column C--Turn-in. Entry will reflect the unserviceable reparable assets due in to the contractor in order to complete the contracted quantity.

11. Column D--Authorized Quantity. Entry will reflect the quantity authorized the contractor for completion. For the report, as of the end of June, this entry will be identical to the quantity completed as of the end of June (see para (3) below for further detail).

12. Column E--Scheduled this Period. Entry will reflect the quantity which was scheduled for completion during the reporting period. This entry will be identical to that reported in column H of the previous report.

13. Column F--Completed this Period. This entry will reflect the quantity actually completed by the contractor during the reporting period.

14. Column G--Completed to Date. Entry will reflect the quantity completed as of the end of the report period. This entry will reflect current fiscal year completions only.

15. Columns H, J, and L. As applicable, these entries will reflect the next 3-months' schedule.

16. Columns I, K, and M. As applicable, these entries will reflect that portion of the next 3-months' schedule which is due in to the contractor.

17. Columns N, P, R, and T. As applicable, these entries will reflect the quantities scheduled for completion during each quarter.

18. Columns O, Q, S, and U. As applicable, these entries will reflect that portion of the quarterly schedules which are due in to the contractor.

Note. The total quantity placed on contract will be scheduled. In the event the contract will continue beyond the end of the fiscal year, the quantity which is to be completed in the next fiscal year will be included in the 4th quarter schedule and a narrative will be submitted to indicate when the items will be completed.

19. Column V--Unit Funded Cost. Entry will reflect the estimated funded cost to complete one item as specified in the terms of the contract and will also include estimated cost per unit of Government-furnished material and services. Data will be reported in dollars and cents.

20. Column X--Code. Entry in this column will be used to indicate coded explanation for slippages, schedule changes, or unit cost adjustments as indicated in appendix I.

AMCMA 108).

(b) Cost Data (Reports Control Symbol

1. Blocks 1 through 7 and column A of the cost data (AMC Form 1115) will reflect the identical information as the production data (AMC Form 1114).

2. Column B--Total Planned Cost. This entry will reflect the funded and unfunded cost to complete the authorized quantity (quantity on contract). This entry is computed by multiplying column C (Unit Total Cost) by column D (Authorized Quantity, AMC Form 1114). In the event the quantity on contract is not completed by 30 June, this entry will be adjusted to represent the planned cost of the quantity completed during the fiscal year. Data will be reported in dollars.

This entry may be adjusted any time it is determined that the total planned cost should be increased or decreased. Data will be reflected in dollars and cents.

4. Column H--Parts, Funded. This entry will reflect the funded cost of all Government-furnished material chargeable to BP 2300. In the event the contract extends beyond 30 June, this entry will be adjusted to reflect the cost applicable to items completed on 30 June. Data will be reflected in dollars.

5. Column I--Parts, Unfunded. Entry will reflect the cost of all Government-furnished material other than that reflected in column H. In the event the contract extends beyond 30 June, this entry will be adjusted to reflect applicable items completed on 30 June. Data will be reflected in dollars.

6. Column J--Other Cost. Entry will reflect the total obligation at the time the contract is awarded and Government-furnished services as defined in (4)(c) below and contract or furnished parts. In the event the contract is to extend beyond the end of the fiscal year, this entry will be reduced on the June report to reflect that cost applicable to items completed as of 30 June. Data will be reflected in dollars.

7. Column K--Cost Incurred to Date. Entry will be the sum of columns H through J. In the event the contract is to extend beyond the end of the fiscal year, this entry will be adjusted to be equal to the cost of deliveries which is computed by multiplying the unit total cost by the quantity completed as of 30 June. Data will be reflected in dollars.

8. Column L--Cost of Deliveries. This entry will not be reported but will be computed by DMCC. This entry will reflect the cost of completed items by multiplying the unit total cost by the quantity completed to date. This same procedure will be used by the finance and accounting activity to record cost of delivery.

9. Column M--Work This entry will not be reported, but will be computed by DMCC by subtracting cost of deliveries from column L to date. The same procedure will be used by the finance and accounting activity to record work.

10. Column S--Code. This entry will reflect the coded explanation for cost deviations as indicated in appendix I.

(4) In addition to P3 detail cards, C3 detail cards, and S1 detail cards required for program status reporting monthly, certain S2, 3, and 4 detail cards will be required quarterly from AMC organizations above depot level for cost incurred for maintenance support services and supply procurement activities. (See paragraph 39 for instructions regarding punched card format.) Data required in these cards are as follows:

(a) S2 Card, Column 2--Total Organic Maintenance Support Cost. Entry will reflect the total (funded and unfunded) in-house maintenance support cost incurred to date as of the end of the reporting period. Cost reported must be identified to the applicable AMC code (1020- series) and Weapons/Support System code.

(b) S2 Card, Column M--Funded Cost Organic Maintenance Support. Entry will reflect the funded cost of maintenance support incurred in-house to date as of the end of the report period for each applicable AMC code and Weapons/Support System code (1020- series of accounts).

(c) S2 Card, Column L--Total Contract Maintenance Support Cost. Entry will reflect the total cost of maintenance support (funded or unfunded) incurred by contractors as of the end of the report period for each applicable AMC code and Weapons/Support System code (1020- series of accounts).

(d) S2 Card, Column M--Funded Cost Contract Maintenance Support Cost. Entry will reflect the funded cost of maintenance support incurred to date by contractors as of the end of the report period. Cost will be identified by each applicable AMC code and Weapons/Support System code (1020- series of accounts).

(e) S3 Card, Column M--Procurement Basic Issue List Items. Entry will reflect the funded cost of procurement of basic issue list items incurred as of the end of the report period for each applicable AMC code (23K01930 series accounts).

(f) S4 Card, Column M--Procurement Modification Kits. Entry will reflect the funded cost of procurement of modification kits incurred to date as of the end of the report period. Cost will be reported against applicable AMC code in the 23K01940 account series.

Note. Quantitative entries in S2, 3, and 4 detail cards will be in whole dollars.

(g) A PSR record is established at DMCC when a quantitative entry appears in a P3D or a C3K detail card. Once a record is established, it is maintained and updated by overlaying change data submitted during reporting periods. P3, C3, and S1 detail cards remain in file until the previous data are zeroed out. S1D, S1E, and S1F detail cards for Government-furnished material, materiel cost exchange rate, and Government-furnished services (contract reporting) and S2, 3, 4, and 5 detail cards require complete submission of data each reporting period. Old data will be dropped from the file and the new data posted or updated.

c. Federal supply classification report (commodity group, 1200- series accounts, all WAC's). All data required to be reported in accordance with paragraph 37 will be reported by Federal supply classification for both production and cost data. Elements of data for each applicable card, comprising a column on the program status report (AMC Forms 1114 and 1115) and depot maintenance cost summary report (Reports Control Symbol CSGLD 1258) are to be reported by all maintenance activities receiving work authorization documents (AMC Form 1112) from DMCC. Contract depot maintenance will be reported by the appropriate NICP. For instructions regarding PCM cards, see paragraph 39.

d. Bulk level-of-effort reporting. The following instructions for entry of data in each applicable card, comprising a column on the program status report (AMC Forms 1114 and 1115) will be reported by all maintenance activities receiving bulk level-of-effort work authorization document (AMC Form 1112) from the DMCC. Bulk level-of-effort reporting is to reflect the remaining unidentified workload only.

(1) Block 1--FSN. Entry will reflect the same FSN as reflected in block 13 of the work authorization document (AMC Form 1112).

(2) Block 2--Nomenclature. Entry will reflect the applicable bulk nomenclature developed by DMCC.

(3) Block 3--Serial Number. No entry required.

(7) Column B--On Hand. No entry required.

(8) Column C--Turn-in. Entry will reflect the remaining unserviceable-unidentified assets required to be identified in order to complete the authorized quantity.

(9) Column D--Authorized Quantity. Entry will reflect the difference between the authorized quantity on the bulk level-of-effort work authorization and the quantity of identified FSN's reported against the same bulk level-of-effort work authorization. (Entry in this column and column C, Turn-in, should be identical.)

(10) Columns E through M. No entry required in these columns. All scheduling and completion data for these columns will be reflected against the identified FSN's applicable to the bulk authorization.

(11) Columns N through U will be reported, as applicable, for the remaining unidentified workload. Data will be reported in accordance with instructions in paragraph 37a.

(12) Column V--Unit Funded Cost. In order to equate the remaining unidentified workload into BP 2300 monies required or reserved against the remaining bulk, it is necessary that a unit funded cost be reported. For those bulk level authorizations which are for a generic (e.g., Hawk missile), the average unit funded cost will be entered in this column. Bulk level-of-effort authorizations for secondary items which vary in unit cost, this entry will be developed by subtracting the planned funded cost of identified FSN's (col m V - col m D) from the total funded cost reflected on the bulk level-of-effort work authorization (col m G, line 4, AMC Form 1112) and dividing the remainder by the quantity reflected in column D of the bulk PSR. In the event the identified FSN's exceed the funded cost indicated on the bulk level-of-effort work authorization, a proposal will be initiated by the maintenance activity requesting an increase in funded costs.

(13) Column W--Unit M/H. In order for reporting activities and DMCC to determine the man-hours which have been allocated to the bulk level-of-effort authorization, it is necessary that a unit man-hour figure be reported. This unit man-hour figure can be developed by subtracting the man-hours estimated to be required or has been used against identified FSN's from the total man-hours allocated for the bulk authorization, the remainder divided by the remaining quantity (col m D) will be the estimated man-hours per unit.

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(14) Column X--Code. As applicable, entry this column will reflect a single alphabetic explanation code.

(15) There will be a report of cost data (AF Form 1115) for the remaining unidentified bulk level-of-effort for the unit cost and planned cost only. Columns and C will be completed as indicated in (12) above.

[illegible]

39. Master card file data. a. A master deck of punched cards will be prepared for each line (FSN, FSC, or bulk) required to be reported on the program status report (including "S" cards). The master file will consist of a detail card for each reportable column on the program status report for which there is an entry to be reported. In addition, there will be a header card prepared whenever serial number reporting is required.

b. Source of data. Each reporting activity will create a basic deck of cards, as indicated above, at the time a work authorization is accepted or a contract awarded. Elements of data to be entered into the cards at this time are as follows:

(1) Header card. Prepare a header card when serial number reporting is required.

<u>Data element</u>	<u>Card columns</u>	<u>Source</u>
AMC code	1-13	Block 15, AMC Form 1112 (Work Authorization); block 12, AMC Form 1111 (P/WD); or AR 37-55 for national contract.
Weapons/ Support System code (if applicable)	14-16	Block 15, AMC Form 1112 (Work Authorization); block 12, AMC Form 1111 (P/WD); or AR 37-55 for national contract.
Serial number	17-37	Block 18, AMC Form 1112; or block 22, AMC Form 1111 for national contract.
Available for local use (AFLU)	38-43	
Federal stock number (FSN)	44-54	Block 13, AMC Form 1112; or block 20, AMC Form 1111 for national contract.
DODAC (ammo only)	55-58	Block 13, AMC Form 1112; or block 20, AMC Form 1111 for national contract.
Reporting activity code	59-60	Installation identification code, AMCR 11-2.

<u>Data element</u>	<u>Card columns</u>	<u>Source</u>
Date (Julian)	61-64	Punch at time of submission to indicate last day of reporting period.
P	65	Punch in all header cards.
2	66	Punch in all header cards.
PRON	67-80	Block 17, AMC Form 1112; or block 12, AMC Form 1111 for national contract.

(2) Detail card.

<u>Data element</u>	<u>Card columns</u>	<u>Source</u>
AMC code	1-13	Block 18, AMC Form 1112; or block 22, AMC Form 1111 for national contract.
Weapons/ Support System code (if applicable)	14-16	Last 2 or 3 alphabetic characters of AMC code in blocks indicated above.
Column code	17	See paragraph 40.
Available for local use (AFLU)	18-34	
Quantitative entry	35-43	Applicable production and cost records.
Federal stock number	44-54	Block 13, AMC Form 1112; or block 20, AMC Form 1111 for national contract.
DODAC (ammo only)	55-58	Block 13, AMC Form 1112; or block 20, AMC Form 1111 for national contract.
Reporting activity code	59-60	Installation identification code, AMCR 11-2.
Date (Julian)	61-64	Enter last day of reporting period.

<u>Data element</u>	<u>Card columns</u>	<u>Source</u>
Card code	65-66	See paragraph 40.
PRON	67-80	Block 17, AMC Form 1112; or block 12, AMC Form 1111 for national contract.

40. Card code and column codes. a. Card code P3. The following column codes are to be used with P3 card code only:

<u>PCM column codes</u>	<u>Column description</u>
B	On hand.
C	Turn-in.
D	Authorized quantity.
E	Scheduled this period.
F	Completed this period.
G	Completed to date.
H	(Month) Scheduled.
I	(Month) Turn-in.
J	(Month) Scheduled.
K	(Month) Turn-in.
L	(Month) Scheduled.
M	(Month) Turn-in.
N	1st quarter scheduled.
O	1st quarter turn-in.
P	2d quarter scheduled.
Q	2d quarter turn-in.
R	3d quarter scheduled.
S	3d quarter turn-in.
T	4th quarter scheduled.

<u>PCM column codes</u>	<u>Column description</u>
U	4th quarter turn-in.
V	Unit funded cost.
W	Unit man-hours.
X	Explanatory code.

b. Card code C3. The following column codes are to be used with C3 cards only:

<u>PCM column codes</u>	<u>Column description</u>
B	Total planned cost.
C	Unit total cost.
D	Direct labor, funded.
E	Direct labor, unfunded.
F	Direct overhead, funded.
G	Direct overhead, unfunded.
H	Parts, funded.
I	Parts, unfunded.
J	Other cost.
K	Cost incurred to date.
L	Cost of deliveries.
M	Work in process cost.
R	Man-hours expended.
S	Explanatory code.

Note. Card codes L and M will not be reported to DMCC.

c. Card code S1. The following column codes are to be used with S1 cards reported as organic maintenance only:

<u>PCM column codes</u>	<u>Column description</u>
D	Military labor man-hours per unit.
E	Total direct labor cost per unit.
F	Military labor cost per unit.
G	Material net cost per unit.
H	Material cost exchange rate per unit.
I	Other cost per unit.
J	Indirect maintenance expense per unit.
K	General administrative expense per unit.

Note. The total quantitative entries of columns E, G, and I through K will equal the quantitative entry in the 33C card.

d. Card code S1. The following column codes are to be used with S1 cards reported as commercial contracts (includes both national and in-house support type contracts):

<u>PCM column codes</u>	<u>Column description</u>
D	Government-furnished material.
E	Material cost exchange rate.
F	Government-furnished services.

e. Card code S2. The following column codes are to be used with S2 cards when reporting maintenance support services:

PCM column codes

L

M

Column description

Total cost incurred.

Funded cost incurred.

f. Card code S3. The following column code will be used with the S3 card when reporting procurement of basic issue list items:

PCM column code

M

Column description

Funded cost incurred.

g. Card code S4. The following column code will be used with the S4 card when reporting procurement of modification kits.

PCM column code

M

Column description

Funded cost incurred.

h. Card code S5. The following column code will be used with the S4 card when reporting operation and maintenance of facilities.

PCM column code

M

Column description

Funded cost incurred.

CHAPTER 5

WORK AND RESOURCES ANALYSIS
(RCS AMCMA 109)

41. Purpose. a. There is a direct relationship between the work and resources reflected on the procurement/work directive (P/WD), the work authorization, the program status report (PSR) (production and cost), and the resources reported through comptroller channels in accordance with SMCR 11-1.¹ In the execution phase, the work and resources reported on the program status report (production and cost) must be reconcilable with the resources reported in accordance with the SMCR 11-1 series reports. Cost and work data on the reports required by SMCR 11-1 must be compatible with the account level. Therefore, the Summary Obligation Plan (Reports Control Symbol AMCCP-152) reports should be reconcilable at its most detailed United States Army Materiel Command (AMC) code level of submission with the appropriate summary level of the work and resources analysis.

b. This report or plan will provide the communication between depot commanders, the Depot Maintenance Control Center (DMCC), and Headquarters, AMC, on plans and guidance concerning work and resources for the fiscal year.

c. The data submitted will be used by Headquarters, AMC, and DMCC to appraise the actual performance, forecasts, and recommendations of depot commanders and furnish guidance regarding proposed revisions to approved orders and decisions on commanders' recommendations. These decisions, and the comparison between forecasts and actual performance, form the basis for the guidance (markup) of depot plans furnished on the work and resources analysis report. This markup also forms the basis for Department of Defense reports and the quarterly review and analysis; therefore, is an implementation of management regarding work to be accomplished during the fiscal year. DMCC will be requested to coordinate with the Office of Maintenance, AMC, to participate in the process by:

- (1) Discussion of their analysis of the program.
- (2) Review of the work and resources analysis reports, and

¹ Will be requisitioned only by former SMC elements.

(3) Furnishing recommendations regarding cost and work guidance to be forwarded to maintenance activities.

Note. During the markup conference, the DMCC will be prepared to discuss slippage between forecasts and actual performance and any variation between the quantity of items authorized on work authorizations as compared to the annual work (approved orders) reported by the maintenance activities.

42. Scope. This document will include data on all continental United States (CONUS) depot maintenance functions authorized by DMCC and performed by maintenance activities and commercial facilities. Data will be prepared at the 13-digit activity account code level (e.g., 23A0114350011, overhaul communication system components for patrol vessels, Regular Army, organic) for all work accomplishment codes for Budget Program (BP) 2300. In addition, report the variance account, 23W7000000000.

43. Report form. AMC Form 1113 (Work and Resources Analysis) (fig. 22) will be used by DMCC to prepare this report. Punched cards (fig. 23) will be prepared by reporting activities. In addition to punched cards, three copies of typewritten narrative explanations will be prepared by the reporting activities.

44. Prepared by. a. As applicable, the punched cards comprising the plan and report will be prepared by each maintenance activity receiving work authorizations from DMCC.

b. The work and resources analysis (plan or report) will be prepared by machine processes at DMCC. Individual AMC Forms 1113 will be prepared for each maintenance activity at the 13-digit activity account code level only. In addition, a consolidated AMC Form 1113 will be prepared by DMCC and will be summarized to the budget program level.

45. Frequency, routing, and due date. a. Depot maintenance activities.

(1) Punched cards comprising the plan will be transmitted to DMCC 10 workdays after notification by Headquarters, AMC (AMCMA-DP). Normally this will be 3 to 4 months in advance of the target fiscal year.

(2) Punched cards comprising the report will be transmitted to DMCC quarterly, on or before the 14th workday of the month following the end of the quarter.

(3) Where available, the use of the automatic digital network (AUTODIN) is authorized. All transmittals by other means will be registered and the registration number furnished to DMCC.

(4) This report differs from the program status report (PSR) in that exception data are not used in this report. Each entry on the report will require a submission of a card each report period.

b. Depot Maintenance Control Center.

(1) Four copies of all print-outs will be forwarded to Headquarters, AMC, Director of Maintenance, ATTN: AMCMA-P; and four copies, ATTN: AMCMA-D.

(2) The individual plan and report will be forwarded 3 workdays following receipt of input data from the maintenance activities.

(3) The consolidated plan and report will be forwarded 4 workdays following receipt of input data from the maintenance activities.

(4) Based upon the markup at the conferences, scheduled to be held 5 workdays following receipt of individual print-outs by Headquarters, AMC, the DMCC will update the work and resources file and prepare another consolidated plan or report to reflect conference action and forward four copies to Headquarters, AMC (see b(1) above).

c. Director of Maintenance, Headquarters, AMC. Upon completion of the review and mark up of the plan or report, one marked up copy of the individual print-out will be forwarded to each maintenance activity within 5 workdays following the completion of the conference. The 4th quarter report will not be marked up or returned to the maintenance activities.

46. Preparation instructions. a. The formula for developing costs for the work and resources analysis report is as follows:

Work and resources analysis report

$$a = b + c = d$$

a = Total FY (fiscal year) planned funded cost (this is developed by multiplying the total authorized quantities by the unit funded costs).

b = Prior year work-in-process costs (these costs are those expended against current year programs during the previous year).

c = Estimated target year work-in-process costs (these costs are those which are estimated to be expended during the current year on next year's program).

d = Work and analysis report total costs.

The work and resources analysis (plan) will be developed by pricing out the work authorizations accepted by the maintenance activities. To be included are estimated funding requirements for budget activity accounts funded in BP 2300, but not requiring work authorizations (i.e., procurement of basic issue list items, procurement of modification kits, operation and maintenance of facilities, etc.). Acceptance of a work authorization should be based on the assigned work force, available man-hours, and the funding guidance furnished by AMC. DMCC will develop target year, depot maintenance workloads based on available man-hours, work force, and funding guidance and changes in quantities of the various commodities of equipment. Revision to funding guidance, and changes to work force may cause over- or underprogramming in terms of dollars or man-hours, which will result in a change in funded cost at the summary cost account level. The difference between the two plans should be reconcilable through narrative information on the work and resources analysis plan.

b. The formula for developing costs for the work and resources analysis plan is as follows:

Work and resources analysis plan

$$e - f + g = h$$

e = Target year total costs (this is computed by multiplying the target year authorized quantities by unit funded cost).

f = Current year costs (these are the costs that are expended during the current year to accomplish next year's program).

g = Target year estimated costs (these are the estimated monies which will be expended during the target year to accomplish workload scheduled for completion during the year following the target year).

h = Work and analysis resources plan total estimated costs.

Also to be included are costs incurred or planned in budget activity accounts funded in BP 2300 but not reportable on PSR.

c. By using the PSR at line item level (considering prior year and target year work in process) and then summarizing to the applicable 13-digit activity cost account code the PSR and work and resources analysis for certain elements of data should be identical, i.e., workload, completions, and cost incurred. Provisions for identifying unfinanced portions of workload or workload in excess of capability have been made. A No. 3 series of detail cards may be used to identify workload and dollars in excess of capability. Work and dollars so identified may result from slippages which could not be recouped, or assets which have not materialized, and proposals or negotiations which are underway to reduce the program. During such periods, the sum of the workload and dollars on the PSR may exceed the level of capability for the maintenance activity. The No. 3 detail cards will, therefore, provide identity of such areas and the quantity and dollars by quarter which will not be accomplished. A No. 4 series of detail cards have been provided to identify that portion of the projected work and funded dollars which are unfinanced in relation to the current annual funding program (AFP). Any portion of the plan or report which is unfinanced should be identified to the 13-digit code level. The workload and funded dollar amount unfinanced will be reflected in the appropriate quarter. The sum of the dollars reflected in the No. 4 series of detail cards will equal the unfinanced portion of the Summary Obligation Plan (Reports Control Symbol **AMCCP - 152** report at the appropriate BP 2300 summary levels. Refer to AMC Form 1113 (fig 22) for additional information. Headquarters, AMC, (Dir/Maint) markup of the plan and report will state whether or not unprogramed man-hours can be supported with additional work, or if equivalent personnel are to be reassigned, or if reduction-in-force (RIF) action is to be taken. Conversely Headquarters, AMC, (Dir/Maint) will state whether or not a maintenance activity's reported unfinanced resources are to be made available or if a reduction to the activity's workload is to be made to relieve the unfinanced requirement as far as applicable to the workload authorized by DMCC.

d. The work and resources analysis (plan and report) is prepared by machine process using input data (see para 47 regarding punched card layout and preparation instructions) reported by each maintenance activity. Explanation of the data to be reflected on each block or column of the plan or report is as follows:

- (1) Block 1--AMC Code. Entry will reflect the applicable activity cost code (13 digits) (AR 37-55).
 - (2) Block 2--Title. Entry will reflect the title of the activity cost code depicted in block 1.
 - (3) Block 3--Report Period. Entry will reflect the quarter or period the report covers.
 - (4) Block 4--FY. Entry will reflect the last digit of the fiscal year the report covers (FY 66 will be reflected as 6).
 - (5) Block 5--Plan. Enter an "X" in this block for the plan and leave blank if a report.
 - (6) Block 6--Report. Enter an "X" in this block for the report and leave blank if a plan.
 - (7) Column A--Depot. Entry will reflect the two-character code identifying the depot maintenance activity.
 - (8) Column B--Funded Cost, Planned Annual. Entry will reflect the planned funded cost (BP 2300) to be incurred from target year funds for the plan. The funded cost reflected on the plan in this column will be adjusted to reflect target year costs only (minus work-in-process to be incurred in current year, plus cost estimated to be incurred during the target year on materiel which will be completed the following fiscal year). Entry in this column for the report will reflect the planned funded cost (BP 2300) required for the fiscal year. This entry reflects adjustment to include the estimated target year funded work-in-process cost (current year monies to be expended during current year on items to be completed in the target year) minus prior year funded work-in-process cost (prior year funds expended against items completed in current year).
- Note. The sum of columns C, D, E, F, and G must equal entries in this column on both the plan and report.
- (9) Column C--Funded Cost, 1st Quarter. Entry in this column for the plan will reflect the funded cost forecasted to be incurred during the 1st quarter of the target fiscal year. Entry in this column for the report will reflect the funded cost incurred during the 1st quarter of the fiscal year.
 - (10) Column D--Funded Cost, 2d Quarter. Entry in this column for the plan will reflect the funded cost forecasted to be incurred during the 2d quarter of the target

the fiscal year. This entry for the report will be identical with that reported on the program status report for the same period.

(17) Column K--3d Quarter Work. Entry in this column for the plan will reflect the quantity forecasted for completion during the 3d quarter of the fiscal year. Entry in this column for the report will reflect the quantity completed or forecasted for completion during the 3d quarter of the year. This entry for the report will be identical with that reported on the program status report for the same period.

(18) Column L--4th Quarter Work. Entry in this column for the plan will reflect the quantity forecasted for the completion during the 4th quarter of the target fiscal year. Entry in this column for the report will reflect the quantity completed or forecasted for completion during the 4th quarter of the fiscal year. This entry for the report will be identical with that reported on the program status report for the same period.

Note. The sum of columns I, J, K, and L will equal H on both the plan and report.

(19) Column M--Funded Cost, Incurred to Date. Entry in this column will be made on the report only and will reflect the actual funded cost incurred for the current fiscal year as of the end of the report period. Entry will be computed by subtracting prior year work in process funded cost incurred (column G prior FY 4th quarter report) from the total funded cost incurred to date (PSR) plus any target year work-in-process funded cost incurred.

(20) Column N--Quantity Completed to Date. Entry in this column will be made on the report only and will reflect the total quantity completed as of the end of the reporting period. This entry will be identical with the quantity reported completed on the program status report for the same period. In addition, the entry will be the sum of applicable quarters reported as completed on this report.

(21) Column O--Unprogramed Man-hours. Entry in this column for the plan will reflect the fabricated number of available direct labor man-hours which are not planned to be required to complete target year work accepted by the maintenance activity. Entry in this column for the report will reflect the forecasted number of available direct labor man-hours which are not planned to be required to complete the authorized work and must therefore be supported by additional workload. Funds required to pay personnel equivalent to the unprogramed man-hours will be computed by using the

cost center predetermined labor rates and will be reflected in the narrative as either a financed or unfinanced requirement, as applicable. The sum of the planned annual funded cost on the work and resources analysis, minus the planned annual funded cost in the R3 card, plus the unfinanced portion of the unprogramed man-hours, should equal the total dollars (financed and unfinanced) reported at the appropriate BP 2300 levels on the summary obligation plan report.

(22) Column P--Planned Target Year Man-hours.

Entry in this column for the plan will reflect the direct labor man-hours forecasted to be required to complete the target year workload accepted by the maintenance activity. The sum of columns O and P on the plan will be equal to column P reflected in the latest quarterly report submitted by the maintenance activity. Any exceptions will be noted in the narrative explanation. Entry in this column for the report will reflect the total direct labor man-hours forecasted to be available to the maintenance activity in the target fiscal year.

Note. The man-hours reflected in this report become DMCC's source data for development of target year workloads for the maintenance activity. Therefore, an under- or overstatement of this man-hour and availability results in under- or overprogramming of a maintenance activity. As previously stated, data will be reported at the 13-digit activity cost code level (AR 37-55) which includes customer and performing activity identification. Reporting of man-hour availability for all customers would be an administrative burden on the reporting activities, therefore, man-hours reflected in columns O or P of the report will only be reported against "customers 01--Direct Army" and "21--Army stock fund." The man-hours reflected on the plan for column P will be reported for all customers because this is the estimated man-hours required to accomplish the workload for the target year. The man-hours reflected will also be related to each customer indicated on the work authorizations. Accordingly, column O on the plan will only be reported against "customers 01 and 21" in the same manner as on the report. In addition to the reporting of man-hours against "customers 01 and 21," column O, they should be reflected against work accomplishment codes, as applicable. Inasmuch as the basic skills required for overhaul (WAC A), repair (WAC I), modification (WAC H), conversion (WAC C), are identical, the man-hours will be reflected against WAC A or I only. The distribution of available man-hours between the basic items, components, and accessories, as determined by the reporting activity, does not always affect the basic skills of the work force; therefore, at the discretion of the reporting activity, may be reported against only one or all of the detailed codes. The direct labor man-hours which

can be identified, as required, for allied trades and other support activities will be prorated, based on depot experience, and included as part of the reported available man-hours. The summarization of the available man-hours reported by activity cost code will equal the total available man-hours within that activity cost code. The total of all activity cost codes should equal the total man-hour availability for the depot maintenance activity. Interchangeability of man-hours between activity cost codes (commodities of equipment) will be included in the narrative explanation furnished within the report.

e. AIF financial maintenance activities will not prepare data input as required by paragraphs (1) through (9). In those AIF activities, these data will be furnished by the ordering activity to which BP 2300 allotments have been issued.

(1) Blocks 1 through 6 and column A are identical.

(2) Column B--Funded Cost, Planned Annual. Entry will reflect the planned fund requirement (BP 2300) for funds to be obligated from current year (execution year) funds. This entry will reflect the planned requirement for the fiscal year. This entry reflects adjustment to include the estimated requirement for obligations for target year work-in-process (current year monies to be obligated during current year on items to be completed in the target year) minus prior year obligations (prior year funds obligated against items completed in current year).

Note. The sum of columns C, D, E, F, and G must equal entries in column B.

(3) Column C--Funded Cost, 1st Quarter. Entry will reflect funds obligated during the 1st quarter of the fiscal year.

(4) Column D--Funded Cost, 2d Quarter. Entry will reflect funds obligated or forecast of funds to be obligated during the 2d quarter of the fiscal year.

(5) Column E--Funded Cost, 3d Quarter. Entry will reflect funds obligated or forecast of funds to be obligated during the 3d quarter of the fiscal year.

(6) Column F--Funded Cost, 4th Quarter. Entry will reflect funds obligated or forecast of funds to be obligated during the 4th quarter of the fiscal year.

(7) Column G--Funded Cost, Target Year Work-in-Process. Normally this column will not have an entry for AIF installations. Entry in this column will reflect the funds obligated or forecasted to be obligated during the execution year against target year work. On the 4th quarter submission of the report, this column will reflect the actual obligations against target year work.

(8) Columns H, I, J, K, L, and N--Work. Instructions in d above.

(9) Column M--Funded Cost Incurred to Date. Entry will reflect actual funds obligated for the current year as of the end of the report period.

(10) Columns O and P--Man-hours. Instructions in d above apply. Available shop man-hours reported in column P (planned target year man-hours) should be reduced by man-hours required to complete the current year carry-over.

(11) All other instructions as depicted in d above will apply to AIF installations.

WORK AND RESOURCES ANALYSIS
AMCR 760-20

1. AMC CODE		2. TITLE		3. REPORT PLAN		4. PLAN		5. REPORT		6. RCS		7. AMCMA - 109	
PLANNED ANNUAL		FUNDING COST		WORK		TO DATE		RECOMMENDED		PLANNED		TARGET	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
100000	20000	21000	36000	1000	1000	20	23	20	37	63000	63		9000
14000			14000	15					15				
6000			5000	6					6				
<p>* This line is the current line as required by this regulation. It is equal to the PSR for work planned or actual. The funded cost is planned or actual less prior year WIP, plus target year WIP. It is equal to the authorized units times the unit funded cost plus and minus WIP factors. The pricing out of all authorized orders on hand.</p> <p>** This amount is the amount of dollars and equivalent work which cannot be accomplished because of early program slippages which cannot be re-couped or because assets did not generate sufficient time. It will also reduce the amount of unnecessary unit funded cost estimate changes.</p> <p>*** This amount is the unfinanced portion of the program and the workload affected by the funding deficiency. The sum of the unfinanced amounts must agree with the amount shown on the Summary Obligation Plan (Reports Control Symbol SSMPB-101 (R3)) report at BP 2300.</p>													
80000	20000	21000	17000	79		20	23	20	16	63000	63		9000
<p>*** This is the financed portion of the dept program. It is within the AFP (annual funding program).</p>													

AMC FORM 3113
 1 SEP 66
 PREVIOUS EDITION MAY BE USED UNTIL EXHAUSTED

47. Master card file data. Key punch a master deck of PCM (punched-card machine) cards for each re-portable AMC code. Elements of data to be entered are as follows:

<u>Data element</u>	<u>Card columns</u>
AMC code	1-13
Available for local use (AFLU)	14-16
Column code	17
Available for local use	18-35
Quantitative entry	36-44
Available for local use	45-48
Control punch	49
"11" Punch--Plan	49
No "11" Punch--Report	50-56
Report period	57-58
Fiscal year	59-60
Reporting activity	61-64
Date (Julian)	65-66
Card code (see a, b, and c below)	67-80
Available for local use	

a. Card code R2. This card code will be punched in card columns 65 and 66 when reporting the following column codes and elements of data.

Column codes

B
C
D
E

Elements of data

Planned annual funded cost
1st quarter funded cost
2d quarter funded cost
3d quarter funded cost

Column codesElements of data

F	4th quarter funded cost
G	Target year work-in-process funded cost
H	Annual work
I	1st quarter
J	2d quarter
K	3d quarter
L	4th quarter
M	Funded cost incurred to date
N	Work completed to date
O	Unprogramed man-hours
P	Planned target year man-hours

b. Card code R3. This card code will be punched in card column 65 and 66 when reporting the following column codes and elements of data. The R3 card is used only to identify workload and dollars which are unfinanced and are in excess of the reporting activity's workload.

Column codesElements of data

B	Planned annual funded cost in excess of capability.
F	4th quarter funded cost in excess of capability.
	<u>Note.</u> "B" and "F" are identical based on the assumption that unfinanced excess would be reflected in the 4th quarter.
H	Annual work in excess of capability.
L	Identical (H) based on the assumption that excess work would be scheduled in the 4th quarter.

c. Card code R4. This card code will be punched in card columns 65 and 66 when reporting unfinanced workload and dollars due to funding deficiency. The following column codes and elements of data apply to the R4 card.

Column codes

B

E

F

G

H

K

L

Elements of data

Planned annual funded cost
unfinanced

3d quarter funded cost
unfinanced

4th quarter funded cost
unfinanced

Unfinanced fund requirement
planned to be reserved for the
WIP in 3d and 4th quarters.

Annual work unfinanced

3d quarter work unfinanced

4th quarter work unfinanced

Notes. 1. The sum of columns E, F, and G must equal column B for cost, and the sum of column K and L must equal column H for work.

2. Unfinanced work reported on R3/R4 cards will be identified by using the following format:

<u>AMC</u> <u>code</u>	<u>PRON</u>	<u>FSN</u>	<u>Qty</u>	<u>Total</u> <u>funded cost</u>	<u>Equiv direct</u> <u>labor spaces</u>
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CHAPTER 6

PEMA MAJOR ITEM REPORT, DEPOT MAINTENANCE
(RCS AMCMI - 109)

48. Purpose. This report will provide a depot maintenance program forecast and report of item accomplishment activities. This report is required by the United States Army Materiel Command (AMC) as a general management tool and in support of equipment distribution planning studies for requirements of AR 700-16.

49. Scope. a. This report applies to continental United States (CONUS) depot maintenance activity plus national contract maintenance, and covers quantitative line item data regarding assets, schedules, and completions for items listed in AR 711-140. In addition to line items contained in AR 711-140, maintenance programs identified as basic missile systems and basic armament will be included.

b. Data will be limited to performance for direct Army and Military Sales customers ("01," "03," "04," and "11-20"). Additionally, data will be limited to the accomplishments of overhaul, conversion, modification, repair, and renovation.

50. Report form. Print-out format is reflected in figure 24. The cover of each report will reflect the fiscal year, report period, and report title.

51. Prepared by. This report will be prepared by the Depot Maintenance Control Center (DMCC) using line item program status report data submitted by depot maintenance activities.

52. Frequency, routing, and due date. a. This report will be prepared on a monthly basis by DMCC. Six copies will be submitted to the Commanding General, AMC, ATTN: AMCMI-C, and one copy, ATTN: AMCIL.

b. The due date will be the 21st calendar day following the end of the report period, but will be geared to the receipt of the feeder data from the reporting activities, and a reasonable time to print out the summary.

53. Preparation and use instructions. a. This report will be prepared by machine process using the program status report file and AR 711-140.

b. Identification of data reflected in the column of this report are as follows:

- (1) Stock Number. FSN of item being reported.
- (2) Report Period. Month of the report.
- (3) Command Code. Command alphabetic code and title of the command as required by AR 711-140.
- (4) Nomenclature. The name of the item being reported.
- (5) Fiscal Year (FY) Schedule. The authorized quantity for completion during the fiscal year. Changes to the fiscal year schedule requested by the supply manager will be in accordance with this regulation and letter, **AMCMR-CS, Headquarters, AMC, 5 May 1965, subject: AAA Lateral Audit of Depot Maintenance. 1**
- (6) Schedule This Period. The quantity scheduled for completion during the report period.
- (7) Completed This Period. The quantity actually completed and accepted during the report period.
- (8) Completed Fiscal Year to Date. Cumulative quantity completed as of the end of the report period.
- (9) 1st Quarter Schedule. The total quantity scheduled for the 1st quarter of the fiscal year. Reports subsequent to the 1st quarter will reflect actual completion.
- (10) 2d Quarter Schedule. The total quantity scheduled for the 2d quarter of the fiscal year. Reports subsequent to the 2d quarter will reflect actual completions.
- (11) 3d Quarter Schedule. The total quantity scheduled for the 3d quarter of the fiscal year. Reports subsequent to the 3d quarter will reflect actual completions.
- (12) 4th Quarter Schedule. The total quantity scheduled for the 4th quarter of the fiscal year.

¹ This document, if required, may be obtained from
CG, USAMC, ATTN: AMCMI-PR.

CHAPTER 7

SPECIAL PROVISIONS

54. Purpose. This chapter contains guidance, procedures, and instructions not covered in other sections of this regulation.

55. Depot maintenance interservice support agreements.
a. In order for the United States Army Materiel Command (AMC) to control depot maintenance activities, all work performed by each activity must be reported, including interservice support performed for the United States Air Force, United States Navy, and the United States Marine Corps. Instructions for negotiating, preparing, and processing of depot maintenance interservice support agreements (DMISA) are contained in AMCR 1-10. Depot maintenance activities will insure that the acceptance of an automatic reimbursable workload of this type will not jeopardize or retard any previously accepted and scheduled workload.

b. All other automatic reimbursable workloads (Defense Supply Agency, General Services Administration, etc.) are usually negotiated at the lowest level, however prior to finalizing an agreement with another service or agency, a work authorization proposal with a copy of the agreement will be forwarded to Depot Maintenance Control Center (DMCC) for approval. Depot maintenance activities will insure that acceptance of an automatic reimbursable workload of this type will not jeopardize or retard any previously accepted and scheduled workload.

c. Upon receipt of an accepted work authorization proposal and finalization of the agreement, the depot maintenance activity will take necessary action to insure that production schedules are met as agreed upon.

56. Instructions for depot level modifications (WAC [work accomplishment code] H):

a. These instructions apply to materiel which is on site in the hands of troops or in serviceable stock.

b. The commodity command assigned the national maintenance mission has primary responsibility for application of modifications. Accordingly, the commodity command is responsible for technical supervision, including planning and coordination between the commodity command, depot, and field installation and site.

c. Actions regarding application of modifications will be coordinated with DMCC and final authorization for the depot to accomplish the work is the responsibility of DMCC.

d. All other actions (e.g., planning and reporting) will be in accordance with the normal procedures contained in this chapter.

57. Using the procurement request order number (PRON) for maintenance operations. a. AMCR 11-2 sets forth instructions relating to the establishment of a PRON. The assignment of digits 4 through 8 of the serial number portion of the PRON is the responsibility of the supply manager or the originator of the P/WD (procurement/work directive).

b. AMCR 11-2 further states that a separate PRON must be established for each P/WD initiated. Amendments or changes to established P/WD's require a change to the amendment number portion of the PRON, digits 9 and 10. Amendments will be numbered consecutively with the initial P/WD being 01. If the quantity on a P/WD is reduced to zero and it becomes necessary to reinstate a portion of the program with the same Federal stock number (FSN) and AMC code a new PRON need not be assigned. The amendment number will be that following the number of the P/WD which reduced the quantity to zero.

c. Once a PRON has been assigned to a P/WD, that PRON cannot be used on any other P/WD submitted by that buyer (supply manager).

d. The PRON assigned to a P/WD will be perpetuated to the maintenance activity selected to perform the work with only the buyer and seller changing; DMCC becomes the buyer and the maintenance activity becomes the seller. Maintenance activities will report the same PRON as reflected on the work authorization on the program status report (PSR). The amendment number reported by a maintenance activity may be different from that reflected on the current P/WD due to the fact that a P/WD amendment may not have affected all maintenance activities performing the total required quantity reflected on the P/WD.

58. Related maintenance activities. Some of the workload included in this area cannot be time phased or pre-planned in the same manner as actions governing programming of workload, such as overhaul, which is based on predetermined requirements or predicated on unserviceable asset generation. Accordingly, these instructions prescribe the methods to be used in programming work authorizations and reporting in these instances. In addition, many of the functions included in

this section are not supply managed by an NICP (national inventory control point) or ACMA (Army Class Manager Activity) and the requirement is developed by the maintenance activity.

a. Repair (WAC I).

(1) When the cost to repair equipment exceeds the expenditure criteria prescribed in b(2) below, but are less than 50 percent of the average overhaul cost (WAC A or F), the equipment will be considered unserviceable (CRC [condition reservation code] F), and any work programed to restore such material to serviceable condition will be reflected under WAC I and the appropriate activity cost code.

(2) Since this activity parallels overhaul (the difference being in the degree of maintenance performed on unserviceable equipment) it will be subject to the same time-phased planning, work authorization, and reporting instructions prescribed in other sections of this chapter.

b. Inspection and testing (WAC J).

(1) This activity provides for the inspection and serviceability testing, and minor repair of serviceable material when such stocks are removed from the storage area to the maintenance facility and is beyond the authorized expenditure limits of BP 2200 funds as defined in appendix IV. Also includes the cost of operating, test and calibration van (23J0120090XXX).

(2) Minor repairs performed incident to inspection and serviceability testing is limited to the expenditure of 10 percent of the acquisition value up to \$1,000 and 1 percent of the acquisition value above \$1,000. For example, an item with an acquisition value of \$1,800 would be computed as follows: 10 percent first \$1,000 = \$100, 1 percent of 800 = \$8, therefore, \$108 can be expended for minor repairs during inspection and serviceability testing. When it is determined that the minor repairs will exceed the above limitation, the material will be downgraded to an unserviceable condition and a proposal submitted to DMCC to establish an overhaul (WAC A) or repair (WAC I) authorization, as applicable. Also, a proposal could be required to reduce the inspection and serviceability authorization if it were issued on an FSN basis.

(3) The planning for inspection and serviceability testing is done in two ways. For some commodities of equipment the supply manager develops bulk level-of-effort type PWD's as specified in paragraph 11b. The remaining is developed by the individual maintenance activities based on

st experience and is submitted with the **markup of the** depot master plan, step 5 of the time **phased planning cycle**. The depot master plans are to be prepared on a bulk level-of-effort basis using the same criteria as for bulk PWD's and bulk work authorizations as reflected in paragraphs 11 and 26.

(4) The authorization and reporting of inspection and serviceability testing will be in accordance with chapters 3 and 4.

c. Fabrication (WAC K).

(1) This activity provides for fabrication of items for stock, sale, or free issue, for those requirements generated by supply managers to meet preplanned supply demands, stock leveling, or customer requisitions only when such items are:

(a) Not generally available through commercial sources.

(b) Interim substitute items for emergency support of field operations pending delivery from commercial sources.

(c) Not normally distributed through commercial channels and requiring excessive leadtime for manufacture.

(2) Since fabrication supports the supply system, most of the activity is performed on a reimbursable basis for stock fund or PEMA (procurement of equipment and missiles, Army).

(3) Planning.

(a) Target year workloads will be developed on a bulk level-of-effort basis. P/WD's will be prepared for each applicable activity account code (AR 37-55) to include separate P/WD's for each customer (stock fund, PEMA, etc.). These bulk level-of-effort P/WD's will be forwarded in accordance with step 2 of the time phased planning chart (app III). The bulk level-of-effort P/WD will be prepared in accordance with instructions contained in (b) below.

(b) Bulk level-of-effort P/WD's will be used for planning purposes only. When firm fabrication requirements become known, individual P/WD's (AMC Form 1111) will be prepared in accordance with instructions in paragraph 12.

(4) Authorization.

(a) Initial work authorization documents (AMC Form 1112) will be issued on a bulk level-of-effort basis for planning purposes.

(b) As firm requirements generate, AMC Form 1112 will be issued on a Federal stock number (FSN) basis for a specific quantity.

(c) Work authorizations will be prepared in accordance with instructions contained in paragraph 25.

(5) Reporting.

(a) Bulk level-of-effort work authorizations will be reported as authorized, indicating only the estimated quantity authorized and the planned total and funded cost. As identification of Federal stock numbered items is made, the quantity and dollars on the bulk will be reduced by the amount indicated on AMC Form 1112.

(b) FSN authorizations for fabrication will be reported in accordance with procedures outlined in paragraph 37.

d. Reclamation (disassembly) WAC K.

(1) Disassembly operations covered by these instructions will be only that disassembly authorized for recovery by the NICP in support of the supply system.

(2) Planning.

(a) Requirements will be submitted to DMCC on a line item basis in accordance with the time phased actions or as the requirements generate.

(b) P/WD's will be prepared in accordance with instructions in paragraph 13, with the following exceptions:

1. Block 20, Stock/Part Number, will contain the FSN of the item (major or secondary) to be disassembled.

2. Block 24, Quantitative Data, will reflect the quantity of the item to be disassembled as reflected in block 20. Cost data will be the estimated cost to disassemble.

3. Block 27, Narrative, will contain all pertinent instructions concerning the items to be dis-assembled and the items to be recovered.

(3) Authorization.

Work authorizations (AMC Forms 1112) will be issued in accordance with instructions contained in chapter 3.

(4) Reporting.

Program status reporting will be in accordance with instructions contained in section II, chapter 4.

e. Field maintenance support teams.

(1) This provides for the performance of support which is below depot level. This support is normally applicable to WAC's H, I, J, and L. Such support is provided by teams of technicians visiting field installations.

(2) Planning.

(a) Requirements under this activity are normally generated by requests for assistance directly to the depot from the using organization. Therefore, for planning and budgetary purposes, each depot maintenance activity will submit, based on past experience, a level-of-effort proposal. A separate proposal will be submitted for each applicable basic item Weapons/Support System as reflected in paragraph 1-4b, chapter 1, AR 37-55, including the Weapons/Support System identifier positions 14 through 16. Use 12004 commodity group only when a Weapons/Support System cannot be determined.

(b) Certain requirements for field maintenance support are generated by the using unit or USCONARC (United States Continental Army Command) contacting the **NICP or Director of Maintenance, Headquarters, AMC, direct.** In the cases where the NICP has knowledge of, or is responsible for, field maintenance support, the NICP will follow the same procedures as for any other maintenance function in accordance with instructions in chapter 2.

(3) Authorizations.

Work authorizations (AMC Forms 1112) will be issued based on depots proposals and P/WD's received from NICP's. Authorization documents may be issued based

on directions from Headquarters, AMC. AMC Form 1112 will be prepared in accordance with instructions contained in chapter 3.

(4) Reporting.

Program status reporting will be in accordance with instructions in chapter 4.

59. Maintenance support of National Guard (nonreimbursable). The ensuing instructions apply only for repair and return to user support for the National Guard when material is not available through normal supply channels (para 14b, AR 130-400.

a. Support will be restricted to recoverable items listed in AR 700-18, SMR code column R, and which are beyond repair capability by National Guard maintenance facilities.

b. The National Guard will fund for transportation costs to and from a maintenance facility as outlined in paragraph 13, AR 130-400.

c. The maintenance activity receiving a request for support will prepare and forward to DMCC a work authorization proposal (AMC Form 1112) stating funds availability data, capability to accomplish work without reprogramming, as well as supplementary information necessary to enable DMCC to act upon the requests.

d. In the event the depot resources are unavailable, DMCC will determine capability elsewhere and advise the National Guard where capability exists and the planned delivery schedule. In instances where organic resources are not available, DMCC will forward a request to Commanding General, AMC, ATTN: Director of Maintenance, for appropriate action.

60. Repair and return to user (nonreimbursable).

a. These instructions apply to those repairs directed by the NICP to be accomplished and returned to the using unit. Depot maintenance activities are prohibited from performing repair and return to user work unless authorized by DMCC on an AMC Form 1112.

b. Using units must requisition replacement items from NICP's and receive directions from NICP's for repair and return.

c. The NICP has the prerogative of applying the repair and return requirements to their current requirements or P/WD, or initiating a separate P/WD. If the repair and

return requirement is to be applied to a current P/WD and work authorization, DMCC will be informed by teletype with an information copy furnished the performing maintenance activity.

d. Repair and return to user work of this nature will be performed with BP 2300 funds and will be considered as a part of the total funding guidance.

61. Repair and return to user (reimbursable). a. In the event posts, camps, and stations request maintenance for which the user cites funds with which to accomplish the maintenance, the depot maintenance activity will prepare and forward a work authorization proposal (AMC Form 1112) to DMCC. The proposal will include a statement relating to fund citation or a copy of the document citing funds.

b. DMCC will assign a PRON and AMC code to include Weapons/Support System, as applicable, and will either approve or disapprove the proposal.

62. Aircraft general support maintenance shops. a. These instructions apply to aircraft maintenance activities engaged in aircraft repair, aircraft retrofit, component repair, and modification for return to user, area assistance avionics, etc. These activities may also be augmented by National Guard shops.

b. The National Guard shops receive their workloads from the respective Army depots as well as certain funds for parts. Labor resources are financed through the National Guard Bureau.

c. Planning.

(1) Upon notification, each aircraft general support shop will prepare work authorization proposals in accordance with instructions in chapter 3, to support forecasted annual target year work requirements in support of Army field activities and forward them to the Chief, DMCC. These work authorization proposals will be used by DMCC in preparing AMC Forms 1120 (Tentative Depot Maintenance Plan) and 1121 (Depot Master Plan).

(2) Individual work authorizations will be prepared for each applicable work accomplishment code, activity account code, and each applicable Weapons/Support System code. These data will be developed by depots through interchange of information with the supported Army field activities, past experience, and configuration control data.

d. Work authorizations.

(1) Authorizations for target year workloads will be prepared by DMCC in accordance with instructions in chapter 3, and issued to the depot maintenance activities in accordance with the time phased planning chart (app III).

(2) During the execution year, proposals will be processed in accordance with chapter III.

63. Calibration activities (23J01200X0). This section provides for instructions relating to planning, authorization, and reporting for the operation of primary reference standards facilities, the operation of mobile calibration facilities (teams), and operation of secondary reference facilities (AMCR 700-9).

a. Planning.

(1) Installations performing any of the above calibration activities will submit work authorization proposals (AMC Forms 1112 with cards) for target fiscal year estimated workload. These proposals will be submitted at the same time the supply managers furnish DMCC with target fiscal year workload (step 2 of the time phased planning chart, app. III).

(2) Proposals will be prepared for each detailed activity account with an estimated quantity and cost. These bulk level-of-effort proposals should represent the installations' estimated requirement for the target fiscal year.

b. Authorization. Work authorization and proposals (AMC Form 1112) will be prepared in accordance with instructions contained below:

(1) Blocks 1 through 12. Prepare in accordance with instructions contained in paragraph 26b.

(2) Block 13--Stock/Part Number. Entry will reflect a narrative abbreviation of the activity account code.

(3) Block 14--Item Nomenclature. Entry will reflect a brief description of the services authorized.

(4) Blocks 5 through 17. Prepare in accordance with instructions contained in paragraph 26.

(5) Blocks 18 through 20. Leave blank.

(6) Block 21--Quantitative, Cost, and Change
 ata. Entry will be in accordance with instructions con-
 tained in paragraph 26b. However, the control will be in
 column G (Total Funded Cost). When the total funded cost
 of work to be accomplished will exceed that reflected in
 column G, line 4, a proposal must be submitted to change
 the work authorization. Quantitative entries in column B
 (Total Authorized) is not a limitation. Entry is developed
 in order to obtain total funded and total cost through
 computer programming.

(7) Block 22--Asset Data and Production Sched-
ule. Leave blank.

(8) Block 23--Special Instructions/Narrative.
 Data entered in this Block will be in accordance with instruc-
 tions in paragraph 26.

c. Program status reporting of bulk calibration
 workloads.

(1) Accomplishment against bulk authorizations
 will be reported by Federal supply classification (FSC)
 using the same PRON as reflected on the bulk authorization
 and the same procedures for FSN reporting in accordance with
 paragraph 38.

(2) The remaining workload or unidentified work
 will be reported against the abbreviated alphabetic FSN in-
 dicated on the work authorization. Cost and quantitative
 figures will be reduced by the quantity accomplished.

(3) Columns H through U--Schedule Information.
 Bulk or unidentified workload will reflect a quantitative
 figure which, when multiplied by the unit direct labor man-
 hours (colm W), will reflect the total estimated man-hours
 to be used against the specific authorization during the
 period indicated.

(4) Column V--Unit, Funded Cost. The unit
 funded cost for the unidentified calibration workload, when
 multiplied by the authorized quantity (colm D) will represent
 the remaining funded cost authorized to be expended against
 the bulk authorization. For the accomplishment of the FSC
 report, this column will reflect the unit funded cost expended
 against completed work.

(5) Column W--Unit Man-hour Estimate. The
 unidentified bulk calibration will be an estimate when multi-
 plied by the estimated quantitative schedule which will equal
 the total direct labor man-hours planned to be expended

during the period indicated. For accomplishment reporting against FSC, this column will reflect the average man-hour per unit expended.

(6) Column B--Total Planned Cost. The cost data portion of the program status report for the unidentified workload will reflect the remaining total cost estimate to be required for the fiscal year. For the accomplishment of the FSC report, this column will reflect the actual total cost expended against completed work.

(7) Column C--Unit Total Cost. The unit total cost for the unidentified workload will be developed by dividing the total planned cost by the authorized quantity. For the accomplishment of the FSC portion, this column will reflect the actual total unit cost of items completed.

(8) Columns D through R will not be reported for the unidentified remaining bulk calibration workloads. For the FSC or accomplishment against the bulk, these columns will be reported in accordance with instructions in paragraph 38.

64. Program closing procedures. a. Whenever the authorized quantity and the quantity completed to date are reported as equal, final cost adjustments will be reported on the next submission of the program status report following the completion of the authorized quantity. This adjustment is to be made to all elements of cost including unit funded and unit total costs and all SI cards, and will reflect actual costs as recorded on job order cost ledgers. Finalized cost data will be indicated by a "Z" in column S of the cost data portion of the program status report.

b. Maintenance activities are not to place items in process when it is known in advance that the items cannot be accomplished by 30 June. Work authorization proposals should be prepared in sufficient time to reduce the authorized quantity to that which can be accomplished during the fiscal year.

c. It is recognized that not all programs can always be completed on 30 June; therefore, in order to reduce the amount of work authorization proposals at the end of the year, the following actions are authorized in connection with the situations stated:

(1) The final report (June, PSR) will reflect the authorized quantity and quantity completed to date as equal. Maintenance activities are not authorized to increase the authorized quantity; however, it may be reduced in order to reflect an equal condition with the quantity completed to

e. Work authorization proposals will not be required to reduce the authorized quantity to that which was accomplished.

(2) In those cases where slippage occurs on June, and costs have been incurred against the items in process, the following actions will be taken:

(a) If the same item (FSN) is authorized the target year program under the same activity account number, the quantity slipped will be considered as part of the target year program provided the quantity slipped is less than that authorized in the target year. In-process costs will be reported on the June supplemental report and the current year costs will be adjusted to reflect only the cost applicable to the items completed with a zero cost of work-in-process.

(b) If the item which slipped on 30 June was not programed in the target year or if the quantity slipped is in excess of the target year authorization, a work authorization proposal will be required to establish a target year authorization or increase the target year authorization. Maintenance activities will forward proposals to DMCC within 2 workdays following the end of the fiscal year. DMCC will obtain concurrence or nonconcurrence of target year increases from the appropriate supply managers. Supply managers will respond to DMCC's requests for target year increases within 48 hours after request for change is made by DMCC. P/WD changes will be processed within 10 workdays for target year adjustments due to prior year slippages. In the event the supply manager does not respond to DMCC's requests, DMCC will consider the items to be canceled and will so inform the maintenance activity. The maintenance activities will be informed of action taken on all yearend work authorization proposals within 4 workdays after receipt of proposals from the maintenance activities by DMCC. For those items which are canceled, all in-process costs will be absorbed by the items completed in the current year and unit costs will be adjusted in order to zero out the WIP costs. For those items authorized to be completed in the target year, the procedures in (2)(a) above will be followed:

d. All finalized cost adjustments are to be made to the prior year PSR and transmitted to DMCC by the 3d workday following the annual published financial closing procedure date.

e. For Army Industrial Funded installations, maintenance support contracts, and national contracts, the following instructions will apply to authorizations and contracts which are not completed on 30 June but for which current year funds have been obligated:

(1) The June PSR will reflect the authorized quantity and quantity completed to date as equal. The cost data will reflect only the costs applicable to the items reported completed. Appropriate adjustment will be made to insure a zero work-in-process condition.

(2) The June supplemental PSR will reflect the remaining quantity authorized for completion against the same PRON used in the current year. All in-process costs will be reflected on the June supplemental report.

f. Orders covering automatic reimbursable work (customers 21-4 having an "X" as the third position in the appropriation symbol of the accounting classification indicates a "no year fund" and will not require reauthorization unless the funding document specifies that the order is to be terminated on 30 June. For those not requiring reauthorization, the following procedures will be followed. All others will be processed as indicated above.

(1) The June PSR will reflect the authorized quantity and the quantity completed to date as equal. The cost data will reflect only those costs applicable to the items reported completed. Appropriate adjustments will be made to insure a zero work-in-process on the June report.

(2) The June supplemental PSR will reflect the remaining quantity authorized for completion against the same PRON used in the current year. All in-process costs will be reflected on the June supplemental report.

8. In order to obtain compatibility and insure reconciliation of all financial reports, the June supplemental report must reflect all prior year work-in-process costs.

65. Reporting of overhaul, repair, or renovation cancellation costs. For the purpose of reporting overhaul, repair, or renovation cancellation costs on the program status report, the following procedures will apply:

a. When a quantitative reduction in the work authorization for items on hand (less than complete cancellation) results in cancellation costs being incurred against the line item, approximate costs and man-hours applicable to the canceled items will be reported to Chief, DMCC. These costs will be in a narrative format and keyed to the appropriate FSN, PRON, and ABC codes.

b. When an item undergoing overhaul, repair, or renovation is determined to be uneconomical to complete, and a replacement is entered into the line, the approximate costs and man-hours applicable to this item will be reported as cancellation costs.

66. Scheduling and reporting mobilization workload. Mobilization workload scheduling and reporting will be accomplished in accordance with the procedures of this regulation.

Appendix I

NARRATIVE EXPLANATION CODES

The following codes are to be used in connection with column X, AMC Form 1114 (Program Status Report) (Production Data); and column S, AMC Form 1115 (Program Status Report) (Cost Data). These codes may be used to explain over-production, slippages, rescheduling actions, and increases or decreases in unit costs or man-hours. However, using the codes will not eliminate, in all cases, the need for narrative explanations to justify actions or the need to point out assistance required of the Depot Maintenance Control Center (DMCC); supply managers; or Headquarters, United States Army Materiel Command.

<u>Codes</u>	<u>Explanation</u>
A	<u>Nonavailability of repair parts.</u> When this code is used to explain slippages, a narrative explanation will be submitted. The narrative explanation will indicate the Federal stock number (FSN), nomenclature, quantity of the parts required, off-post requisition number, and any advice received. Advice is interpreted to mean supply status, due-in date, authorized local procurement, etc.
B	<u>Late receipt of repair parts.</u>
C	<u>Contractor delinquent on subcontract work.</u> When this code is used, a narrative explanation will be submitted. The narrative explanation will contain the expected delivery date and action taken to eliminate reoccurrence.
D	<u>Nonavailability or late receipt of technical data.</u> When this code is used as a reason for slippages, a narrative explanation will be submitted. The narrative explanation will reflect the actions taken by the reporting activity to obtain the data, the name of the activity that has not furnished the data and the date the data will be available.
E	<u>Rework required.</u> Item failed to pass testing or inspection.
F	<u>Extensive authorized fabrication of nonavailable parts.</u> When this code is used, a narrative explanation will be submitted. The narrative explanation will indicate the item fabricated, cost of

Codes

Explanation

fabrication, and the current cost of the item to the program if the part had been available in the supply system.

G Failure of production equipment. When this code is used to explain slippages or rescheduling, a narrative explanation will be submitted. The narrative explanation will indicate what action has been taken by the reporting activity to prevent reoccurrence of the problem and the date slippage will be recovered.

H Lack of production equipment or tools. When this code is used a narrative explanation will be submitted. The narrative explanation will indicate the actions the reporting activity has taken to eliminate the problem, i.e., date equipment was placed on order, anticipated delivery date, and date slippage will be recovered.

I Repair parts and/or subcontractor support better than anticipated. This code would apply to overproduction and rescheduling.

J Personnel and/or equipment resources diverted to higher priority workload. When this code is used for slippage or rescheduling, there should be an overproduction of another line item, items to which the personnel were diverted. In any event, there will be a narrative explanation indicating the programs to which the personnel or equipment were diverted.

K Asset(s) were not economically reparable. When this code is used for slippage, there should be a work authorization proposal for reduction of the program unless there are available assets in excess of the quantity remaining to be completed.

L Reparable(s) received were excessively damaged or deteriorated. This code can be used to explain slippage, rescheduling, and changes to unit costs and man-hours. When this code is used, a narrative explanation will be submitted to identify additional cost and man-hours.

Explanation

Production accelerated to gain full benefit or production setup.

Assets received earlier, or in better condition, than anticipated. As applicable, this code will explain overproduction, rescheduling, unit costs, and man-hour changes.

Production accelerated through increased shop efficiency. Use of this code will explain overproduction.

Production accelerated through diversion of manpower and/or resources from other programs. Use of this code will explain overproduction. However, there should be slippage or rescheduling of programs from which the personnel or resources were diverted.

Work authorization being negotiated. Use of this code will serve as a flag to DMCC, relating to rescheduling actions by the reporting activity. However, no change will be made to the authorized quantity on the report until an authenticated work authorization is received by the depot.

Reduction in unit costs and/or man-hours due to increased shop efficiency.

Excessive costs due to starts and stops created by uncontrolled delays. When this code is used to explain increased unit costs, a narrative explanation will be submitted. The narrative explanation will indicate what actions have been taken by the reporting activity to overcome the delays and the date slippage will be recovered.

Interim work authorization. This code will be used whenever an interim work authorization has been authorized by DMCC and will explain the reason for the item appearing on the report the quantity without an authentication document, AMC Form 111' from DMCC.

Codes

Explanation

- are not received within the maintenance leadtime or if rescheduling will create a production quantity which cannot be accomplished within the remaining portion of the fiscal year.
- X Anticipated turn-ins did not materialize in time to meet the schedule. Use of this code will exp. slippage and rescheduling, however, it will be used only if the assets were received and are scheduled as on hand in the remaining portion of the fiscal year.
- Y Other. Use of this code indicates that a narrative explanation is required to explain data regarding this line item. All narrative explanation will be typewritten (original and three copies) and will be forwarded to arrive with, or before, the report.
- Z Use of this code indicates that the final costs have been reported for the line item.

Note. Whenever a coded explanation card is submitted for columns X (production data) or S (cost data) that code will remain in the record at DMCC. Therefore, if the code does not apply to the line item on the next monthly report a change card with zeros in the quantitative field will be submitted to remove the code from the record. In addition there can only be one code used for column X or S.

Appendix II

MAINTENANCE ACCOMPLISHMENT PRIORITY SYSTEM

1. Purpose. These instructions prescribe a uniform maintenance priority system which will initiate response by maintenance activities to meet worldwide supply demands.

2. Scope. These instructions are applicable to all levels of the United States Army Materiel Command (AMC) complex and provide a means of assigning and recognizing the order or importance in which depot maintenance programs will be accomplished.

3. Policy. Priorities will be assigned as dictated by worldwide supply requirements. Depots will respond to assigned priorities within the limitations of depot resources.

4. General. The foundation upon which depot maintenance rebuild programs will be established is the commodity manager's/NICP's (national inventory control points) projected requirements.

a. It is becoming more evident each year that one of the major "yard sticks" for measuring AMC ability to support the Army's materiel readiness posture is by how well the commodity managers project requirements for depot maintenance rebuild.

b. By more prudent use of detail commodity knowledge, the commodity managers must develop a methodology from which sound and supportable rebuild programs can be established.

c. An ancillary requirement for the successful accomplishment of depot maintenance rebuild programs is availability of essential repair parts in required quantities on a timely basis. Attainment of this objective is the responsibility of the commodity managers.

d. Rebuild programs will not be scheduled unless repair parts are available within the supply system, or are on procurement with sufficient leadtime to insure availability in time to meet repair schedules. Acceptance of P/WD's (procurement/work directives) by DMCC (Depot Maintenance Control Center) will be based upon these premises.

e. Depot commanders will evaluate their capability against the requirements reflected on the work authorization. Adherence to accepted schedules will be maintained commensurate to priority and/or urgency of need dictated by the commodity manager and based upon the foregoing.

5. Target year planning. a. Commodity managers will establish priorities by procurement request order number (PRON), Federal stock number (FSN), and depot, using the standards outlined in paragraph 6 for the 1st quarter workload requirements based upon on-hand reparable asset and repair parts availability.

b. The national inventory control point (NICP) will consolidate requirements and transceive priority punched card machine (PCM) cards to Chief, DMCC, by 1 March. Requirements will be sequenced by preference within each maintenance accomplishment priority, i.e., within each maintenance accomplishment priority identify the most important requirement first, etc.

c. DMCC will disseminate priorities to the affected maintenance activities by 20 March.

d. The updating of priorities will be employed for each of the remaining succeeding quarters during the current year, i.e., 1st and 20th of June, September, and December. This will be done considering on-hand reparable assets and repair parts available.

6. Maintenance accomplishment priorities. a. Priority 1 applies to:

(1) Materiel for support of active Army units with a unit readiness rating of C1 (AR 220-1).

(2) When an out-of-stock condition exists and the NICP/supply manager perpetuates an IPD (issue priority designator) from requisition demand documents that falls within issue group 1 (AR 725-50).

(3) High value items for which an out-of-stock condition exists (see AR 710-50).

Note. High value items are defined as those items of supply identified for intensive management control under approved inventory management techniques designed to maintain an optimum inventory level on high investment item

(4) International logistics requirements formerly Military Assistance Program/Military Assistance Aides/Grant Aid [MAP/MAS/GRA], etc.) that fall within issue group 1 or required delivery dates established by higher authority can only be met by the use of this priority.

(5) Unprogramed repair and return to user (field support) for active Army units that have a mission precedence and priority that falls within issue group 1.

(6) Special projects assigned such priority by the Department of the Army.

(7) Fabrication and/or cannibalization/reamclamation to support any of the conditions cited above.

b. Priority 2 applies to:

(1) Materiel for support of active Army units with a unit readiness rating of C2.

(2) When an out-of-stock condition exists and the NICP/supply manager perpetuates an IPD from requisition demand documents that falls within issue group 2.

(3) Unprogramed repair and return to user (field support) for active Army units that have a mission precedence and priority that falls within issue group 2.

(4) Items for combat consumption for which an out-of-stock condition exists or is anticipated to

(a) The following criteria will govern the use of priorities 1 and 2:

1. On-hand reparable assets availability.
2. Extent to which the items/weapon systems is mission essential and affects immediate combat readiness.
3. The range and depth of repair parts availability.
4. Leadtime to repair.

c. Priority 3 applies to:

(1) Materiel for support of active Army unit with a unit readiness rating of C3.

(2) When an out-of-stock condition exists and the NICP/supply manager perpetuates an IPD from requisition demand documents that falls within issue group 3.

(3) Unprogramed repair and return to user (field support) for active Army units that have a mission precedence and priority that falls within issue group 3.

(4) Authorized programs carried over from the previous PRON year.

(5) Combat essential materiel for which an anticipated out-of-stock condition will exist within 90 days.

(6) International logistics requirements (formerly MAP/MAS/GRA, etc.) that falls within issue group or required delivery dates established by higher authority can only be met by the use of this priority.

(7) Special projects assigned such priority by the Department of the Army.

(8) Interservice depot maintenance support agreements with established delivery schedules that can only be met by the use of this priority (AMCR 1-10).

(9) Fabrication and/or cannibalization/reclamation to support any of the above conditions.

d. Priority 4 applies to:

(1) Filling predetermined initial allowances not supported by higher priorities, for support of Army units with a unit readiness rating of C4.

(2) Unprogramed field support (repair and return to user) for United States Army units that have a mission precedence and priority that falls within issue group 4.

(3) International logistics requirements (formerly MAP/MAS/GRA, etc.) that falls within issue group 4 or required delivery dates established by higher authority can only be met by the use of this priority.

(4) Routine stock replenishment.

(5) Interservice depot maintenance support agreements with established delivery schedules that can only be met by the use of this priority (AMCR 1-10).

(6) Support for United States Army National Guard and Reserve units.

(7) Routine fabrication and reclamation not covered by higher priority.

(a) The following criteria will govern the use of priorities 3 and 4:

1. Current and anticipated unserviceable backlog, relating to leadtime required to restore items to serviceable condition.

2. Economical quantity for repair.

3. Standards A and B assets (standards and C assets only on Department of the Army approval).

4. Extent to which the items/weapons systems is mission essential.

5. Extent to which organic capability exists.

7. Priority conversion table.

<u>Issue group</u>	<u>Issue priority designator (IPD)</u>	<u>Unit readiness rating code</u>	<u>Maintenanc accomplishme priority (MA</u>
I	1-3	C1	I
II	4-8	C2	II
III	9-15	C3	III
IV	16-20 and 99	C4	IV

Appendix IV

EXPENDITURE CRITERIA FOR SERVICEABLE MATERIEL

Procedures. The following procedures will be used by storage activities for determining the limiting expenditure chargeable to code 2220.13 funds for minor mechanical repair on serviceable materiel resulting from normal cyclical inspection. Expenditure determination will include cost of parts, materiel, and direct labor:

a. Items costing up to \$1,000. Limiting allowance figure will be 10 percent of the item cost for each item involved.

b. Items costing above \$1,000 will carry a limiting figure of \$2.50 for each \$1,000 of value plus \$100 ($\$50,000 = 50 \times \$2.50 + 100 = \225). When minor mechanical repairs exceed the limitations indicated by the above procedure, item will be reclassified to the appropriate unserviceable condition-reservation code (CRC) and necessary repairs accomplished through scheduled maintenance action. No mechanical repairs will be performed on unserviceable material using 2220.13 resources.

Appendix V

SUPPLEMENTAL ACTIVITY COST CODES

1. 23X0120010XXX. Primary reference standard facilities is the measurement standards representing the highest level of accuracy within the Army Metrology and Calibration System or a standard of equivalent accuracy maintained by the United States Navy or the United States Air Force. These standards are certified by the National Bureau of Standards and are housed in a closely controlled environment.

2. 23X0120020XXX. Mobile calibration facility are the measurement standards with accuracy certified as a result of comparison to higher accuracy level reference standards and used to certify the accuracy of test and measuring equipment.

3. 23X0120030XXX. Secondary reference calibration facility are those measurement standards with accuracy certified as a result of comparison to higher accuracy level referenced standards, housed in a controlled environment and authorized for use to certify the accuracy of subordinate standards.

4. 23X0120040XXX. Field maintenance support teams. These are made up of depot shop personnel while performing below depot level support. Normally, this support is provided by teams of skilled mechanics visiting field maintenance installations.

5. 23X0120060XXX. Inspection and serviceability testing. This provides for inspection and serviceability testing and minor repair of serviceable stocks when such stocks are removed from the storage area to the depot maintenance facility for accomplishment.

6. 23X0120090XXX. All other. This is used for other related maintenance activities not specifically identified elsewhere in the cost structure.